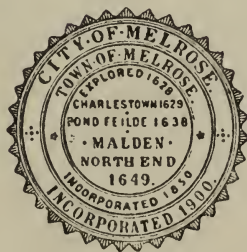


CITY OF MELROSE
MASSACHUSETTS

Annual Reports
1914

WITH

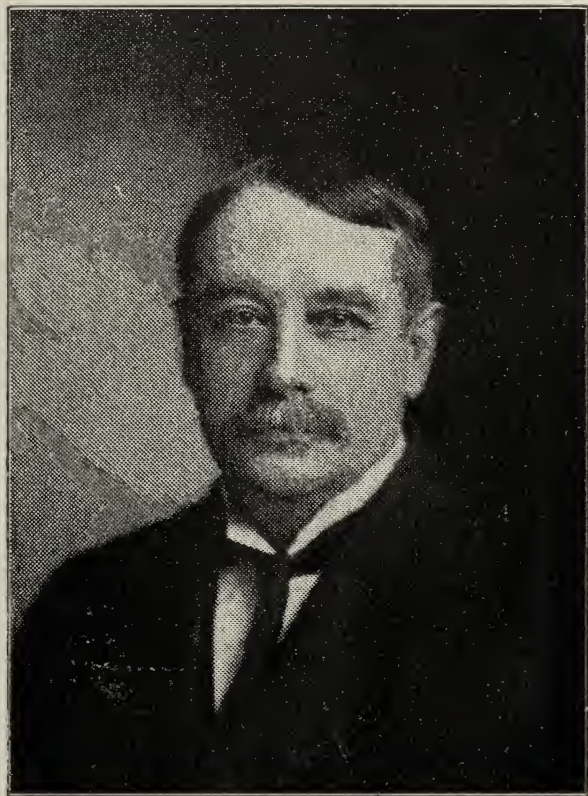
Mayor's Inaugural Address
Delivered January 5th, 1914



PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN,
UNDER THE DIRECTION OF THE CITY CLERK
AND SPECIAL COMMITTEE

MELROSE, MASS.
THE MELROSE FREE PRESS, INC.

1915



OLIVER B. MUNROE
MAYOR

INAUGURAL ADDRESS
OF
OLIVER B. MUNROE
MAYOR OF MELROSE

DELIVERED JANUARY 5th, 1914

Mr. President and Members of the Board of Aldermen:

Elected by the will of the people to serve a second term as the City's chief executive, it is with a profound realization of the seriousness of the trust reposed in me that I again enter upon the discharge of the duties of my office. Important matters, which are now pending, affecting the welfare of the people, will call for the exercise of wisdom, prudence and firmness. The problems which will confront us will be many and varied and can be successfully solved only by a subordination of individual interest to the general well being of the community. The greatest good to the greatest number is the principle which should govern. This idea has been frequently reiterated, but it needs to be constantly kept in mind if there is to be a wise and efficient administration of our municipal affairs.

The financial condition of the City continues sound and its credit unimpaired; and there is an obligation upon us to see that it continues so. The demands of the people for the modern conveniences of life are constantly increasing and it is only by a very careful and judicious apportionment of the revenue of the City, a wise husbanding of its resources and a constant watchfulness that the City gets good value for the money that is spent, that these requirements can be even partly met, without imposing a tax on the people which shall prove burdensome for many. I therefore recommend, in order that our present excellent financial condition shall be maintained, that every request or order introduced into your Board for an appropriation shall be carefully examined before final action is taken thereon.

Now that the \$12-dollar tax limit for current expenses has been removed and the cities are empowered by act of the Legislature, to fix their own rate, and as last year's Board has seen fit to allow the rate to remain open to be determined by this year's administration, I especially urge that we resist the temptation to increase appropriations to an extent which shall result in a burdensome tax upon the people. There is every reason for anticipating a large increase in property values as the result of the unusually large amount of building construction completed and now in progress, and a decided gain in personal property, but I shall exert my utmost effort to limit appropriations for current expenses to an amount which shall not exceed twelve dollars per thousand on the 1914 valuation. And I ask your co-operation in striving to attain this end.

From statements prepared by the Treasury department the total bonded debt at the end of the year 1913 was \$1,022,000. But there were

CITY OF MELROSE

in the sinking funds applicable to the payment of this debt, \$506,420.40, leaving a net bonded debt of \$515,579.60.

As regards the sinking funds, heretofore the commissioners have carried the securities in their custody at cost, charging off some of the premiums each year. This year they have adopted the policy of carrying all securities at par and have charged off all premiums, the total charged off being \$16,054.78. Of course, the actual value to-day of the securities is considerably more than par, so that our net bonded debt is actually slightly less than appears from the figures and slightly less than it was a year ago.

BONDED DEBT, DECEMBER 15, 1913.

Auditorium Bonds.....	\$39,000.00	
Park Bonds.....	17,000.00	
School Bonds.....	278,000.00	
Sewerage Bonds.....	390,000.00	
Surface Drainage Bonds.....	135,000.00	
Water Bonds.....	163,000.00	
Total.....		\$1,022,000.00
In sinking funds to be applied to payment of the above bonds at maturity:—		
School Fund.....	\$182,622.96	
Sewer Fund.....	221,892.78	
Surface Drainage.....	36,447.31	
Water Fund.....	65,457.35	
Total.....		\$506,420.40
Net Bonded Debt.....		\$515,579.60
Bonds have been paid and cancelled during the year as below:—		
Paid from Sinking Fund (Water Bonds).....		\$50,000.00
Serial Bonds paid from appropriations:—...		
Water Bonds.....	\$5,000.00	
One overdue for which provision has been made.....	1,000.00	
		6,000.00
Auditorium Bonds.....		3,000.00
Park Bonds.....		2,500.00
Total.....		\$61,500.00

Our gross debt, as will be seen from the figures presented amounts to \$1,330,685.18, against which there are gross assets of \$768,540.37, leaving a net indebtedness of \$562,144.81. Our property assets are about \$2,128,000.00.

GROSS DEBT.

Bonded Debt	\$1,022,000.00	
Municipal Debt	9,629.70	
Permanent Debt	91,522.00	
Temporary Loans in anticipation of taxes	175,100.00	
Cemetery Trust Fund	31,103.50	
E. Toothaker Trust Fund	1,329.98	
Total		\$1,330,685.18
Assets (exclusive of Property Assets) Dec. 31, 1913:		
Cash on hand	\$29,338.38	
Sinking Funds	489,243.45	
Due from Commonwealth	2,545.50	
Uncollected Taxes	204,584.78	
" Tax Titles	134.43	
" Tax Takings	10,633.79	
" Real Estate Possessions	3,342.94	
" Sewer Possessions	471.76	
" Moth Assessments	576.16	
" Sewer Assessments	11,307.56	
" Sidewalk Assessments	4,843.38	
" Street Betterment	2,213.29	
" Street Sprinkling	6,585.94	
" Water Rates	2,728.01	
Total		\$768,540.37

PROPERTY ASSETS.

Brown Tail and Gypsy Moth	\$1,695.55	
Charity Department	1,992.75	
Fire Department	73,982.82	
Health Department	806.14	
Public Parks	52,695.00	
Police Department	7,283.23	
Public Library	74,100.00	
School Department	530,590.00	
Sundries	3,075.00	
Sealer of Weights and Measures	530.50	
Wyoming Cemetery	36,856.00	
Soldiers' Memorial	120,000.00	
City Hall	152,400.00	
Highway Department	20,558.00	
Sewer System	453,312.27	
Surface Drainage System	160,892.63	
Water System	437.239.75	
Total		\$2,128,009.64

Loans have been authorized since the last Budget was passed as follows:—

Sundry Notes.....	\$82,051.70
Bonds.....	45,000.00
	<hr/>
Total.....	\$127,051.70
Less \$10,000 City Stable loan defeated on referendum.....	10,000.00
	<hr/>
	\$117,051.70

Our borrowing capacity for 1914 is \$124,402.53.

STATEMENT OF CERTAIN AMOUNTS FOR 1913.

Relating to Budget, Tax Levy, Tax Rate, Valuation and Population,
City Debt, Sinking Fund, etc.:

Budget 1913, City.....	\$344,352.50
Overlay.....	7,316.90

\$351,669.40

Total Budget for City purposes..... \$351,669.40

Less appropriated from department, receipts and
Bank and Corpor. Tax... 54,807.70

In tax levy for City purposes..... \$296,861.70

State Tax.....	\$32,640.00
State Sewer Tax.....	17,103.24
Metropolitan Park Tax.....	10,262.39
State Highway Tax.....	20.00
Charles River Basin.....	1,655.79
Bureau of Statistics (for service).....	1,502.39

Total paid State..... \$63,183.81

\$414,853.21

County Tax..... 16,466.40

\$431,319.61

Less amount appropriated from Bank
and Corp. Tax and Dept. Receipts..... 54,807.70

\$376,511.91

Tax Rate 1913..... \$20.40

Valuation 1913..... 18,003,525.00

This valuation does not include additions since levy was made.

Population 1913: 16,612.

HIGHWAYS.

In pursuance of recommendations made in my inaugural address of last year, the Board of Aldermen made certain special appropriations for permanent road construction and improvements, including \$25,000 for Main Street, which has been carefully and wisely expended. It has been the policy of the administration in the matter of permanent road construction or improvement to make a beginning on our main thoroughfare and thence radiating outward, put our cross streets in good, substantial condition. Acting on the line of this policy Main Street has been macadamized with Hassam pavement from Porter Street to Grove Street at a low cost as compared with the same quality of work done in other cities, and the work of finishing the street to the Malden line with bituminous macadam will be done in the spring, or as soon as the weather will permit. A portion of this work has already been done. Essex Street has also been macadamized. During the coming season I would recommend that West Foster Street and West Emerson Street be rebuilt and put into good condition from Main Street to the Boston & Maine railroad tracks. A part of Washington Street should be rebuilt and the whole of Pleasant Street should be resurfaced as this is a main entrance to the City on the west side of the Boston & Maine railroad. Tremont Street should be resurfaced from West Emerson Street to Franklin Street, and Cottage Street should be macadamized and curbed. During the coming season underground work will be done on Main Street from Porter Street to Franklin Square, preliminary to the continuation of the permanent improvement on this portion of our Main thoroughfare at such time as the Board may consider it advisable to make an appropriation therefor.

Edgestones have been put in on both sides of Hillside Avenue from Upham to Emerson Streets with the expectation that the street was to be macadamized, and this should be done. East Foster Street should be curbed from the brook to Dell Avenue, and ultimately Grove Street should be macadamized from Lebanon Street to Swain's Pond Avenue.

Supplementary to the work already accomplished on Main Street, it should be stated that preparations are being made to bury the wires of the Malden Electric Company in the conduit, which it laid during the past season, and that connections have been made by the N. E. Tel. & Tel. Company for the putting of its wires in its conduits, in which a bore is provided for the City's fire alarm and police signal wires. When the telephone company buries its wires, I would recommend a moderate appropriation by your Honorable Body for the putting of our own wires under ground in the telephone conduit. All the large poles which have for years disfigured Main Street can then be removed, the trolley poles being the only ones remaining. Following the line of general improvement of the street, arrangements are being made with the Malden Electric Company for more even and better lighting of this thoroughfare through ornamental poles connecting with its conduit on the easterly side of the street.

STREET RAILWAY FACILITIES.

Much has been done in the way of street railway improvements during the past year—much more than had been originally intended by the Bay State Company. A new roadbed and new rails have been laid the entire length of Main Street from Porter Street to the Malden line, and this roadbed has matched up well with the street work done by the City. The tracks on Franklin Street, which had given much annoyance have been put in better condition and new rails have been laid on Essex Street where needed.

On Porter Street more or less repair work has been done. I would recommend that a committee be appointed by the Board, who, in conjunction with the Mayor, shall take up the question of securing better facilities for Ward Seven, or the southeasterly section of the City, which will be a potent factor in developing this portion of Melrose. Better transportation facilities for the west side of the City, possibly in connection with the Fells, Stoneham line, may well engage the consideration of such a committee, also.

PUBLIC BUILDINGS.

I would strongly urge that action be taken this year looking to a rearrangement of the interior of City Hall so that the Departments will have adequate room and facilities for the transaction of the City's business. A due regard for the members of the Board, as well as the people, who desire to attend its meetings, demands that it shall have larger and better quarters, as well as committee rooms. At present there are no committee rooms whatever. Improved and larger quarters should be provided for the police department, treasurer and auditor's department and health and charity departments, which at present occupy the same room together with other departments. A private office should be provided for the Mayor of the City. I am glad to see that an order has been introduced into the Board of Aldermen providing for a special committee to take this whole subject into consideration.

The Memorial Building is well serving the purposes for which it was built. The income therefrom has fully justified expectations entertained at the beginning of the year, so that a lowering of the rates has been ordained by the Board, which will naturally ensure a still broader use thereof by the citizens.

The people having voted adversely on the proposition to purchase the Benson property on Tremont Street for City Stables, I consider it very important that action should be taken looking to the acquiring of some other location, where City Stables can be built and which will meet with the approval of the people. I will repeat what I said last year that one of the things most needed in this city is the establishment of City Stables for the keeping of our stock, teams, horses, rollers, and the storing of material and articles of various kinds, which under consisting conditions suffer from deterioration and loss. Our experience with fire last year should firmly convince us of the necessity of having these stables of fire-proof construction.

SEWER AND WATER.

A large amount of sewer construction has been done this year in localities where sewer connections were demanded by the owners of both new and old buildings. Surface drainage has been extended on lower Main Street so as to take care of the water which for many years settled in that portion of our main thoroughfare and an unusually large number of catch basins have been built in various sections of the City. Water mains have been extended in many localities where water supply and adequate fire protection have long been needed. To curtail work of this character in sections where it is badly required is detrimental to the public health and the best interests of the City and is an obstacle to its growth along right lines.

The cost of construction of our water system up to September 30, 1913 was \$437,239.74 against which there are outstanding \$147,000.00 of Sinking Fund and Serial Bonds. The water loan sinking fund December 27, 1913, was \$65,636.09, which leaves a water debt of \$81,363.91, the annual interest charge on which is \$5,690.00. The maintenance charge for the past year has been \$12,147.82; interest on water bonds, \$8,024.20; payments, state water tax, \$22,684.86, making a total of \$42,856.88. Total receipts have been \$44,561.90, leaving a balance of \$1,705.02.

FIRE DEPARTMENT.

The work of the Fire Department during the past year has been deserving of the highest commendation. Its alertness and skill have more than once prevented extended destruction of property. The new combination chemical and hose auto at the Central Fire Station went into service July 1st, 1913, and from that date to December 1, 1913, a period of five months, it has answered 32 alarms of fire, at a total cost for up-keep, including equipment, of \$33.87. Compare this with what it would have cost to keep three horses to pull a combination wagon for the same period, which would be \$250.00 and the wisdom of having purchased this kind of equipment will be at once apparent, to say nothing of the time saved in reaching the scene of the fires.

I would recommend that one permanent man be added to the regular force, to be located at the East Side Station, also that the City purchase a new auto hook and ladder truck. If an auto truck is purchased it will do away with three horses, which now have to be fed whether we have fires or not. Unless an auto is purchased, new horses will have to be bought at a cost of probably over \$1,000.00.

PUBLIC HEALTH.

The general health and sanitation of the City has been good, notwithstanding an increase of general mortality over that of 1912. The City had been more than usually free from contagious diseases until September, when there began an epidemic of scarlet fever, which has

been especially difficult to suppress, owing to the fact that many of the cases were so mild that no physician was called in attendance, and the serious nature of the disease was not recognized.

During the year the Board of Health has availed itself of the public health service of the Massachusetts Institute of Technology and has had examinations of milk to determine its bacteriological contents, as well as its chemical qualities. These results have been published from time to time, letting the people know the quality of the milk which they were buying. Considering the immense importance of pure milk, any reasonable expense which will improve the product and safeguard the people from an impure supply, is justified.

Among sanitary problems which confront us may be mentioned a hospital for tuberculosis, the inspection of tenements and more oversight of foods. In fact every session of the General Court places new and important duties upon local boards of health.

CHARITY DEPARTMENT.

With the ever increasing demands for money in this department, under the new State law which went into effect the first of September, which provided for compulsory aid for mothers with dependent children, a larger appropriation will be necessary.

At the City Farm, the first of last year, there were five inmates, and the number has averaged four during the year. The general run-down condition of the land and farming implements, together with machine for two horses and only one horse to do the work, has been a great handicap to the proper management of the farm. Nevertheless, the income from the Farm, by wise and efficient management, has been more than doubled, having increased from \$417.31 to \$854.84. The buildings, however, are still sadly in need of paint and other repairs, so that a somewhat larger appropriation for this branch of the department would seem to be advisable.

The Board continues, as in the past, to care for our aged and infirm dependents, at the same time safeguarding the City from imposition by those who are unworthy or not entitled to the City's aid.

CEMETERY.

Development work in the Wyoming Cemetery has proceeded along lines laid down in the plans submitted to last year's Board of Aldermen. A large number of lots have been graded and the improvement of the swamp near the center has been practically completed. Racks have been placed in the tomb for the reception of bodies. The improvement of Sylvan Street up to and including that portion of it at the entrance of the Cemetery should certainly be carried out in accordance with general plans already prepared. This work required the co-operation of the Cemetery Department, Public Works Department and the Trustees of Pine Banks Park, all of whom, it is understood, view the matter favorably. The expense

will be small, as it simply requires parking and planting shrubbery along Sylvan Street and the Park land and at the entrance of the Cemetery, the intent being to make the approach harmonize and be in keeping with the Cemetery itself.

BOSTON ROCK.

Early in the month of November, 1913, it became a matter of common report that options had been given on the property known as Boston Rock and adjacent lands and that the prospective purchasers proposed to establish a large stone crushing plant, thereby to enable them to crush four or five hundred tons of rock daily for a period of fifty or more years.

Applications for a permit to store dynamite and blast rock were made respectively to the Board of Aldermen and Chief of the Fire Department, both of which have been refused.

From the first this matter has engaged the serious consideration of many citizens, both men and women, and a committee of fifteen, representing a large number of citizens, has carried on an effective campaign of investigation and protest.

Every Department of the City Government, I feel sure, together with the Citizens' Committee, has co-operated and will continue to co-operate for the protection of the homes at Wyoming Heights and vicinity.

It is sincerely to be hoped that some better method may be found than long and expensive litigation to solve the problem confronting us, but I am firmly convinced that we must oppose with vigor at every point, the infliction of so great a detriment to the well being of our City as the installation of a stone crushing plant on Boston Rock.

PARKS.

The development of the park areas has been confined to Ell Pond embankment on the site of the old Benson ice houses. Here the grounds have been graded, a retaining wall and boat landing with suitable approaches have been built, and it is contemplated to further improve it the coming year. On other parks little besides maintenance has been done.

For the coming year it is hoped that a still further development of Ell Pond and the Melrose Common can be accomplished. At the former place were held the band concerts given by the Metropolitan Park Commission. This developed the lack of lights, seats and suitable approaches from the east to the park. In this connection private interests have expressed a desire to co-operate with the commission in securing more concerts and provide a suitable shelter, hoping the City will construct paths and provide lights, etc., and with this end in view I would recommend that the City appropriate sufficient money to carry out the proposed improvements as outlined above.

I would call the attention of both the Board of Aldermen and of the Park Commissioners to the necessity of a playground for the smaller children in the northeasterly section of the city, or in that large portion

covered by Ward 2, where playing in the streets has become a source of both danger to the children and annoyance to the passer-by. I have reason to believe that the desired end can be accomplished at a very moderate cost to the city.

NEW BUILDINGS.

The new building ordinances which were put into effect this year, have worked satisfactorily, and the City has been saved from much insecure, unsanitary and inflammable construction thereby. The total valuation of all permits granted during the year has been about \$350,000. Most of the new construction is of good character and is now well under way. All of this construction, together with the increase in personal property which has been discovered, justifies the belief that there will be a very material increase in actual property values this year, conservatively estimated at a half million dollars.

CARE OF TREES.

A special appropriation of \$3,000 was made last year for the care of trees in response to the request of many of the women and public-spirited citizens of Melrose, which thus afforded an opportunity for that kindly care and attention for a great many of our old and young trees, which they had not received for many years, and for the planting of new trees, in co-operation with* a committee of the Melrose Women's Club. Nearly 200 new trees were planted, all of which, with one or two exceptions, have done very well. As many more at least should be planted during the coming year.

To date, 1167 trees have been pruned and the cuts have been creosoted and tarred. Dead and rotten wood has been removed from 234 cavities and these cavities have been creosoted and tarred and thoroughly filled with cement fillings. Much work of the above character remains yet to be done, but two or three successive years of care on our street trees by careful pruning and scientific patching will cause our trees to compare favorably with those of any city or park in the State.

There has been expended by the Moth Department to date the sum of \$1,761.89 for the suppression of brown tail and Gypsy moths, exclusive of private work, and \$359.60 for "Other Insect Pests." The leopard moths are getting more numerous and active in the city street trees, necessitating the cutting of many limbs from trees, which have been destroyed. The elm leaf beetle is still with us but there has been comparatively but little defoliation or perforation of leaves, because of the more thorough arsenical spraying, which will quickly and easily throw its stream over our highest trees.

SCHOOLS.

The cost per pupil in the Melrose High School is the lowest of any city in the State; yet, that the instruction is highly efficient, is shown by

the fact that this school has again been approved by the New England College Entrance Board, and further, that six of this year's honor students at Harvard, three of them Freshmen, are from the Melrose High School. This record could not have been made by boys who had not been well prepared.

Our common schools are equally efficient, while the cost per pupil is below the average for the State. This high standing of our schools and their relative low cost, denote a management which is educationally progressive, but financially conservative.

With our school well developed along accepted academic lines, the great need of the system to-day is the institution of practical courses for the large percentage of our children who cannot attend college or higher institutions of learning, but who must immediately seek some means of earning a living. The new course in engineering and the extension of wood-working and cabinet making seem to be along right lines. I am informed by the Superintendent that there are to-day over one hundred boys who wish to take these subjects, but who cannot be accommodated. It would be well if these courses could be extended, and it is hoped that as the attendance in the High School decreases with the graduation of former ninth grade pupils and the resources of the City increase, more of this kind of practical instruction may be given to our children.

PUBLIC LIBRARY.

The year 1913 has been a year of progress in the history of the library. All of the volumes have been carefully examined and out-of-date and useless books discarded. A careful study has been made of deficiencies in the various departments of literature and the want has been supplied as far as means would permit. The Dewey system of cataloguing has been adopted and various other changes made adding to the convenience of the public. The year has also been notable for the formal transfer to the Trustees by the Melrose Woman's Club of the Mary A. Livermore library of sacred art, truly a unique and valuable addition. The Trustees have arranged with responsible parties in the southeast section of the city to deliver to them at stated intervals a certain number of books for the use of citizens in that part of the city, practically answering the purpose of a branch library.

The appropriation has been carefully expended and has not been exceeded in any department of the work.

CITY PLANNING BOARD.

By recent act of the Legislature, Cities and Towns having a population of over 10,000 have been authorized and directed to create a board to be known as the Planning Board, whose duty it shall be to make careful study of the resources, possibilities and needs of the City or Town, particularly with reference to conditions which may be injurious to the public health

or otherwise injurious in and about rented dwellings and to make plans for the development of the municipality or town with special reference to the proper housing of its people. This Board is to make report annually, giving information regarding the condition of the City or Town, and any plans or proposals for its development and estimate of the cost thereof. I need not dwell on the great benefits which may accrue from an intelligent and wise control and regulation of the growth and development of the City. Unhealthy and unsightly features can be avoided, and human lives, especially of children, can be saved, the public health conserved, and the general well being of the City promoted. An ordinance has been introduced into the Board of Aldermen and referred to a Committee thereof, for establishing such a Planning Board.

Gentlemen of the Board of Aldermen:—

Upon you devolve important responsibilities and duties, including the function of appropriating for all purposes, the confirmation of appointments to heads of departments, the enactment of such ordinances as the welfare of the people demands, and of such legislation as you may consider to be promotive of the public interest. In the discharge of these duties, I would recommend that you be governed by considerations as to how the public welfare may best be served, as to what is conducive to the interests of the City as a whole, as to what is right, and what the City can afford to do, with due regard to the interests of the tax-payers. In important work of this kind personal favoritism, enmity or jealous sectionalism should be discarded. In your deliberations take time enough to enable you to thoroughly understand any measure which may come before you before final action thereon. Let not your judgment be swayed by outside pressure, which might lead you into ill-advised expenditures, wastefulness, extravagance, or questionable projects. You may rest assured that I shall be glad to co-operate with you, in so far as my function as Chief Executive permits, in any laudable work which you may undertake, of benefit to the City, and I shall welcome your co-operation in return. While the City Charter distinctly separates the legislative and executive branches of the City Government lest one shall infringe upon the other, I am sure that the citizens can be best served when there exists a spirit of harmony between the two branches and when both can work together for the common good. Let us enter upon our duties with a firm determination to render to the people the best service of which we are capable.

And my fellow citizens, may I express to you, before closing, my appreciation of the confidence which you have reposed in me in electing me to serve a second term as your Chief Executive and to extend to you my assurance that I shall perform the duties of my office with an eye single to the well being of the community and the advancement of the interests of the people.

Government of the City of Melrose

1914

Mayor

OLIVER B. MUNROE

President of the Board of Aldermen

FREDERICK T. PEABODY

Clerk

W. DeHAVEN JONES

Aldermen-at-Large	Ward
William A. Carrie, 22 York Terrace	1
*J. Sydney Hitchins, 194 E. Foster Street	6
Leslie F. Keene, 33 Richardson Road	2
Frederick T. Peabody, 50 Florence Street	5
Edwin Thatcher Clark, 466 Pleasant Street	5
John Dike, 112 West Emerson Street	4
Joshua T. Nowell, 64 Nowell Road	2

Ward Aldermen

Edward F. Cassell, 141 Melrose Street	1
Arthur T. Gage, 585 Franklin Street	1
Alton W. Eldredge, 29 Nowell Road	2
Angier L. Goodwin, 33 Reading Hill Avenue	2
Jeremiah F. Lucey, 57 Whittier Street	3
Harry C. Woodill, 306 West Emerson Street	3
Sidney H. Buttrick, 87 Essex Street	4
E. Greeley Clark, 109 Myrtle Street	4
Arthur T. Mather, 110 Crescent Avenue	5
Lorin A. Presby, 42 Trenton Street	5
Jonathan H. Atkinson, 164 East Foster Street	6
Arthur L. Marr, 158 Laurel Street	6
Eugene L. Pack, 28 Irving Street	7
Albert M. Tibbetts, 109 Meridian Street	7
*Resigned—William T. Fahy elected for unexpired term.	7

BOARD OF ALDERMEN—STANDING COMMITTEE FOR 1914

Appropriations

Hon. Sidney H. Buttrick, *Chairman*

Aldermen Carrie, Hitchins, Keene, Nowell, Goodwin, Eldredge, Cassel

Education, Health and Charity

William A. Carrie, *Chairman*

Aldermen Atkinson, E. T. Clark, Gage, Lucey, Marr, Pack

Finance

Angier L. Goodwin, *Chairman*

Aldermen Dike, Buttrick, Eldredge, Cassell, Mather, Lucey

Highways

J. Sydney Hitchins, *Chairman*

Aldermen Nowell, Dike, Mather, Tibbetts, Gage, Woodill

Legal and Legislative Matters

The President, Carrie, Dike, Hitchins, Eldredge, Goodwin, Presby

Protection and Licenses

Leslie F. Keene, *Chairman*

Aldermen Cassell, E. T. Clark, Tibbetts, Atkinson, Pack, E. Greeley Clark

Public Service

Joshua T. Nowell, *Chairman*

Aldermen Woodill, Buttrick, Keene, Marr, E. Greeley Clark, Presby

Clerk of Committees

VICTOR C. KIRMES

City Officers

City Clerk

W. DeHaven Jones

Assistant City Clerk and Clerk of Committees

Victor C. Kirmes

City Treasurer

William R. Lavender

City Collector

James W. Murray

City Auditor

Edwin C. Gould

Assistant City Auditor

William T. Wolley

Engineer and Superintendent of Public Works

George O. W. Servis

Mayor's Clerk

Blanche E. Nickerson

City Solicitor

Arthur S. Davis

CITY OF MELROSE

Chief of Fire DepartmentJoseph Edwards

Chief of PoliceGeorge E. Kerr

Inspector of BuildingsGeorge L. Burgess

Inspector of PlumbingAndrew J. Burnett

Inspector of FoodDavid O. Parker

Inspector of SlaughteringDavid O. Parker, Frank P. Sturgis

Inspector of Milk and VinegarEarle B. Phelps, Robert N. Hoyt

Collector of Milk SamplesArthur L. Hayden

Inspector of AnimalsF. P. Sturges

Sealer of Weights and Measures

Charles E. Merrill

Superintendent Brown Tail and Gypsy Moth

John J. McCullough

Agent State, Military Aid and Soldiers' Relief

Albert A. Carlton

Burial Agent

Albert A. Carlton

Assessors

Frank R. Upham, term expires 1916

L. Frank Hinckley, term expires 1917

William Morss, term expires 1915

Assistant Assessors

Alden B. Smith

Merton G. Woodbury

Charles Roeder

Inspector of Wires

Winthrop W. Moore

Board of Health

Clarence P. Holden, M.D., *Chairman*

Arthur A. Hayden

Melvin A. Walter

Grace French, *Clerk*

City Physician

Clarence P. Holden, M.D.

School Physician

Arthur T. Gage

Overseers of the Poor

Adaline G. Reed, *Chairman*

Edward L. Marr

Bertram E. Lovejoy

Grace French, *Clerk*

CITY OF MELROSE

Matron of Pratt Farm

Mrs. F. E. Mann

Superintendent of Pratt Farm

Frank E. Mann

Park Commission

Clarence T. Fernald, <i>Chairman</i>	Term expires	1915
Addison L. Winship	" "	1919
Robert A. Perkins	" "	1918
Harry N. Vaughn	" "	1917
George J. Foster	" "	1916

School Committee

Lowell F. Wentworth, <i>Chairman</i>	Term expires	1915
Wallace R. Lovett	" "	1917
Arthur H. Damon	" "	1917
Sarah A. Day	" "	1917
William Coggeshall	" "	1915
Frank L. Welt	" "	1915
Elmer O. Goodridge	" "	1916
Isabelle Stantial	" "	1916
William A. Morse	" "	1916

Sinking Fund Commissioners

Edward J. Kitching, <i>Chairman</i>	Term expires	1916
Franklin P. Shumway	" "	1917
Everett L. Fuller	" "	1915

Trustees of Public Library

Edward M. Munyan, <i>Chairman</i>	Term expires	1917
William T. Atwood	" "	1915
Rev. Paul Sterling	" "	1915
Mary L. Charles	" "	1917
Neil A. Divver	" "	1916
Anna T. Bush	" "	1916

Cemetery CommitteeWillis C. Goss, *Chairman*

D. Lord

L. Henry Kunhardt

Edwin C. Gould, *Clerk*Roscoe A. Leavitt, *Supt. Wyoming Cemetery*

CITY OFFICERS

21

Registrars of Voters

Edwin L. Cragin, <i>Chairman</i>	Term expires	1916
John J. Keating.....	" "	1917
Edwin J. Tirrell.....	" "	1915
W. DeHaven Jones, <i>City Clerk, Ex-officio</i>		

Engineers of Fire Department

Joseph Edwards, *Chief*
 Edgar W. Mansfield, *1st Assistant*
 Charles F. Woodward, *2d Assistant*

Measurers of Wood and Bark, Weighers of Hay and Grain

Geo. L. Maidrand	Grace F. Gilbert	Frank E. Newell
George H. Walden	A. H. Sulis, Jr.	George Goodwin
Fred H. Goss	M. H. Eagan	George M. Hall
	Charles B. Goss	

Public Weighers of Merchandise

A. H. Sulis, Jr.	Alma Russell	Edwin Hilton
Geo. W. Jepson	Archie E. Jones	Herbert M. Wade
Edward A. Riley	Orietta Towner	James McTiernan
J. Osborn Leisk	Patrick G. DeCourcy	John Dyer
Edward M. Caldwell	Herbert A. Lord	Richard Philpot
Geo. L. Maidrand	Isaac L. Slocomb	Edwin D. Swain
May H. Eagan	Stanley H. Greenlaw	

Field Drivers

George W. Hoag—Harry C. Liscomb

Pound Keepers

George W. Hoag—Harry W. Liscomb

Fence Viewers

Charles F. Woodward	Philip B. Carter	Charles H. Everson
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Constables

George W. Burke	Charles E. Merrill	George E. Kerr
Daniel K. Collamore	Charles Roeder	George E. Burke
	M. James Hanley	

Dog Officer

M. James Hanley

CITY OF MELROSE

Keeper of the Lock-up

George E. Kerr

Police Officers

George E. Kerr, <i>Chief</i>	Harry Brown, <i>Captain</i>
Redford M. Rand	Daniel J. Foley
George E. Fuller	Allston H. Pineo
William H. Doherty	Christopher B. Thompson
Louis B. Heaton	Frank N. Pierce
Wallace B. Eaton	Michael Reardon
Garfield Carpenter	Albert A. McBeth

Reserve Officers

Garfield Carpenter	William A. Riley
Albert A. McBeth	Edwin E. Spraker
Fred M. Kirmes	Archie E. Fish
Clement E. Burkhardt	

Special Officers

Atwater B. Hathaway	M. James Hanley	Burgess W. Grover
Albert W. MacKenzie	Edgar E. Sherburn	Joseph A. Lavin
	John T. Russell	

Special Officers to Serve without Pay

Frank C. Newman	George H. Cray	Ralph S. Cray
Martin Allison	Charles E. Merrill	Charles J. Wing
Roscoe A. Leavitt	George W. Hoag	Harry C. Liscomb

Planning Board

John C. F. Slayton	Term expires	1917
Seth K. Ames	" "	1917
Agnes L. Dodge	" "	1917
Harold Marshall	" "	1916
Dennis W. Fitzpatrick	" "	1916
E. Gertrude Copeland	" "	1916
Henry M. Ripley	" "	1915
Victor A. Friend	" "	1915
Louisa S. Hunt	" "	1915

ANNUAL REPORT
of the
SCHOOL DEPARTMENT

CITY OF MELROSE
1914

SCHOOL COMMITTEE FOR 1914

Name	Residence	Term expires
William Coggeshall	158 East Foster Street . . .	1915
Frank L. Welt . . .	31 Malvern Street . . .	1915
Lowell F. Wentworth . . .	19 Bartlett Street . . .	1915
Mrs. Isabelle Stantial . . .	146 Florence Street . . .	1916
Elmer O. Goodridge . . .	148 E. Foster Street . . .	1916
William A. Morse . . .	15 Auburn Place . . .	1916
Mrs. Sarah A. Day . . .	45 Ashland Street . . .	1917
Wallace R. Lovett . . .	12 Fairmount Street . . .	1917
Arthur H. Damon . . .	116 Hillside Avenue . . .	1917

Lowell F. Wentworth, *Chairman*

Isabelle Stantial, *Secretary*

Meetings of the Committee

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the second and fourth Mondays of every month, except during July and August, at 7.30 p.m.

Superintendent of Schools

John C. Anthony 14 Mt. Vernon Street
Office: High School Building—Tel. Melrose 55

Secretary

Helen M. Aldrich 536 Lebanon Street
Tel. Melrose 1238-M

STANDING COMMITTEES

Finance and Supplies

Mr. Morse	Mr. Goodridge	Mr. Lovett
	Mr. Damon	

Schoolhouses and Janitors

Mr. Goodridge	Mr. Coggeshall	Mr. Morse
	Mr. Damon	

Teachers and Salaries

Mrs. Day	Mrs. Stantial	Mr. Coggeshall
	Mr. Welt	

Text Books and Courses of Study

Mr. Welt	Mr. Lovett	Mrs. Day
	Mrs. Stantial	

The Chairman of the School Committee is a member, ex-officio, of all standing committees.

CITY OF MELROSE

SPECIAL COMMITTEES

Legislative

Mr. Lovett

Mr. Goodridge

Mr. Coggeshall

Mr. Morse

VISITING COMMITTEES

High School.....	School Committee
Franklin and Whittier Schools.....	Mrs. Day
D. W. Gooch School.....	Mrs. Stantial
Mary A. Livermore School.....	Mr. Damon
Washington School.....	Mr. Welt
Lincoln School.....	Mr. Lovett
Winthrop School.....	Mr. Goodridge
Joseph Warren School.....	Mr. Morse
Sewall and Ripley Schools	Mr. Coggeshall

SCHOOL CALENDAR FOR 1914-15

FALL TERM 1914

Opens September 9th and closes December 23d at noon.

WINTER TERM 1915

Opens January 4th and closes February 19th.

SPRING TERM 1915

First Half: Opens March 1st and closes April 23d.

Second Half: Opens May 3d and closes June 23d.

FALL TERM 1915

Opens September 8th and closes December 23d at noon.

HOLIDAYS DURING TERM TIME.

Every Saturday, Washington's Birthday, Patriot's Day, Memorial Day, June 17th, October 12th, and Thanksgiving Day with the half day preceding and the day following it.

"NO SCHOOL SIGNAL"

Notice of "No School" will be given by striking the number 22 four times upon the fire alarm, and by sounding the whistle at Factory No. 2 of the Boston Rubber Shoe Company.

The signal will be sounded at 7.15 a.m. for no session in the High School and at 8.30 for no morning session in all grades below the High School. In case there is to be no afternoon session, the signal will be sounded at 12.45.

Report of the Superintendent of Schools

To the School Committee of Melrose,

Ladies and Gentlemen:—

The following report of the public schools of the city is respectfully submitted for your consideration. This is the twenty-fifth in the series of annual reports by the Superintendent of Schools and the sixth by the present incumbent of that office.

CERTAIN FINANCIAL RESPONSIBILITIES AND RELATIONS

It is the duty of His Honor, the Mayor and the Honorable, the Board of Aldermen, to make suitable appropriations for the support of public schools. It is the duty of the School Committee to see that such appropriations are efficiently expended. So far as we know, never, in Melrose, has either of these bodies attempted to usurp the functions of the other.

It has been, and is, the policy of the School Committee, to set forth, for the Mayor and the Board of Aldermen, clearly and in detail, the financial needs of the public schools and to furnish complete information concerning any items of expenditure in the past, or in those estimated for the future, in order that they may have an intelligent basis for their appropriations. While expenditures for school purposes have seemed relatively large, yet the Mayor and the Board of Aldermen have invariably furnished enough so that the schools could continue at least on the same basis. We believe that this has been done because of the honest conviction of the appropriating bodies of the needs of the schools, but we believe also that it has been done because of the demand of the citizens, whose representatives they are, that there should be no retrenchment in this important branch of our public service.

PRESENT FINANCIAL CONDITIONS

The present financial condition of our city, however, is one which demands grave consideration. It is brought home to every citizen by the increasing tax rate, and by the able inaugural address of His Honor, the Mayor. It is causing intelligent citizens, properly enough, to question expenditures more closely than ever before. It presents to the Mayor and to the Board of Aldermen a most difficult problem. Most naturally, since the public schools expend so large a portion of the tax levy, the statement is already being made that this is the department where retrenchment should take place. The total of the school appropriation encourages attack merely because of its bulk, and not, so far as we know, because of any particular item or extravagance.

CURRENT CRITICISM OF COST

This desire for economy has led to certain statements, made, we believe, in good faith, yet, perhaps, without complete knowledge of statistical facts. Let us briefly examine three of the most common of these statements.

Criticism Number I.—That Melrose is the only city in the state which has regularly increased its school expenditures for the past three years.

The State returns show that during the last three years each one of the other thirty-two cities increased their current expenses for school purposes from five per cent to thirty-nine per cent. The average increase was nineteen per cent. The average increase for all the cities and towns in the state for the past three years was twenty-two per cent. The actual increase of the appropriation for the same purpose, for the past three fiscal years, for the City of Melrose, was 1.87 per cent.

This does not mean that Melrose had already provided maximum school facilities and had no need for further increase. Rather it means that we have had to be content with the minimum essentials required by the State, and it is doubtful if the community would be satisfied with less. It means also that we have not been able to provide for our children the practical courses which other cities are offering theirs.

Furthermore, this slight increase was made in two items,—tuition, made necessary by the fact that we have recently been obliged by the State to pay tuition for Melrose pupils who attend industrial schools,—and teachers' salaries, made up of increases on the regular schedule, and the fact that the maximum salary for lower grade teachers was last year raised from \$650 to \$700, more nearly to correspond to other cities and towns about us, who are paying for the same service from \$750 to \$850.

Criticism Number II.—That our school system costs relatively more than others.

The statistics at the end of this report give in detail the total cost per unit of school expenditure, and the average cost per pupil for the entire system, with the total cost and the average cost per pupil for elementary schools, and for the High School for each item. These tables summarize and compare as follows:

Average cost per pupil, State of Massachusetts.....	\$41.05
Average cost per pupil, City of Melrose.....	38.84
Average cost per pupil, Elementary, State.....	37.25
Average cost per pupil, Elementary, Melrose.....	32.53
Average cost per pupil, High School, State.....	68.45
Average cost per pupil, High School, 33 cities.....	71.66
Average cost per pupil, High School, Melrose.....	55.05

Average cost per pupil for teachers' salaries, State.....	28.40
Average cost per pupil for teachers' salaries, 33 cities.....	31.33
Average cost per pupil for teachers' salaries, Melrose.....	26.09

Average cost per pupil for teachers' salaries, 44 large High Schools...	46.32
Average cost per pupil for teachers' salaries, Melrose High School...	38.45

If our expenses per pupil were equal only to the average for the State, our appropriation would be increased by \$7,277. If High School instruction cost as much in Melrose as in other High Schools of the State having over 300 pupils, our cost for that item alone would increase by \$5,800.

Again we find that, on the basis of the amount per thousand of valuation appropriated for school purposes, Melrose stands number 168 in the list of 353 cities and towns, with an expenditure of \$5.63 being preceded by such communities as West Boylston, the highest, \$10.53; Palmer, \$8.21; Westfield, \$8.04; Clinton, \$7.92; Everett, \$7.25; Chelsea, \$6.89; Concord, \$6.87; Chicopee, \$6.81; Natick, \$6.80; North Adams, \$6.71; Wakefield, \$6.45; Taunton, \$6.43; Danvers, \$6.32; Woburn, \$6.28; North Andover, \$6.15; Brockton, \$6.15; Gloucester, \$5.91; Haverhill, \$5.89; Malden, \$5.89; Arlington, \$5.84; Revere, \$5.82; Reading, \$5.78; North Attleboro, \$5.78; Somerville, \$5.75; Weymouth, \$5.75; Fall River, \$5.71; Gardner, \$5.64.

Criticism Number III.—That Melrose High School costs “more than it should.”

The average cost per pupil in Melrose High School is \$55.05. The average cost per pupil in the High Schools of the State is \$68.45. The average cost for the 33 cities is \$71.66. If it cost as much to educate Melrose High School pupils as it does in other cities of the Commonwealth, our appropriation would have to be increased by \$12,823.80 for that school alone. In this connection a circular just sent out by the State Board of Education is of interest as showing, first, that education is primarily a State function, not merely a matter of local interest; and, secondly, that the State is properly bringing pressure to bear upon the communities to secure better educational advantages. This circular shows that, in the forty-four large High Schools in the State, the average cost per pupil for instruction alone, is \$46.32, as against \$38.45 for Melrose. It then goes on to say,—“In determining the number of High School teachers to be employed and the salaries to be paid, the following considerations are important:—

1. The number of teachers to be employed is of prime importance. Satisfactory results cannot be expected where the teachers are required to give instruction in too many subjects or to too many pupils.

2. The retention of the services of a competent principal who has learned the needs of the school and of the individual pupils is important. An experienced principal can do much to help inexperienced teachers.

3. The retention of the services of experienced teachers is desirable, so far as the finances permit. It is especially unfortunate to have many changes in the teaching force in one year. There is a marked tendency in many high schools to provide increments to teachers' salaries so as to avoid wholesale changes."

It is nevertheless true that the total cost of our High School is large in comparison with the total cost of all our schools because of the large number in that department, due in turn to the high quality of our citizenship and their demands for higher education for their children. The High School is also abnormally large because of the abolition of the ninth grade three years ago, so that we have at the present time five classes distributed over the four years of the High School course. During this year of 1915 we are carrying our heaviest burden on this account. The High School will naturally decrease somewhat during the next school year, and again in the school year of 1916-1917, except as it is augmented by increase from families moving into Melrose from other places.

The statement is frequently made that "there are too many children in our High School." This is, of course, a matter in which each individual has a right to his own opinion. It is, nevertheless, a duty imposed by the State upon each community to furnish a High School education to its children. This is a responsibility which we have no legal right to shirk, and no moral right to curtail. The School Committee, even if they were so disposed, have no authority to refuse such an education to every Melrose pupil who has the ability, who obeys the rules of the school, and whose parents demand it. Further, we believe that our citizens as a whole, while they may regret the addition to the tax rate, yet are proud of a community whose standards for their children are so high. Such an attitude is a big asset to any city, and the Melrose High School, maintained at its present standard, is a greater asset than a forty-cent reduction of the tax rate.

Again, the statement is made that we are offering more courses than necessary. As a matter of fact, we are offering little more than the standard which the State requires, except possibly in Spanish and Zoology. It is true that these courses might be eliminated, but we should be at the immediate necessity of providing classes in other subjects for these same students, at no reduction in cost. We would simply be forcing them to give up work which they desire for that for which they feel no need.

It is also true that we might materially decrease the membership in our High School by eliminating the Commercial Department, which comprises two-fifths of the entire membership. We do not believe, however, that this would be considered desirable by a majority of our citizens, nor a measure of true economy for a city of our standing. Rather we believe that the community desires to see our practical courses developed and extended instead of being reduced, and that our citizens would oppose limiting the educational opportunities of our city, both from business policy and spiritual conviction.

Again, in this connection, it is claimed that the school authorities are urging children to remain in the High School who ought not to be there, or who would be better off at work. This is not true in the sense that they are trying to keep in school those children who are not fitted for the work, or who are not using their opportunities to advantage. It is true merely to the extent that the school authorities are trying to offer, with the limited means at their disposal, as complete opportunities as possible for all the children of the city, and this we believe to be their function and duty. On the other hand, the commercial course, two years ago, was re-organized so that each year presented certain subjects complete, in order that a pupil might leave at the end of the first, second, or third year, with certain commercial subjects mastered. Furthermore, a complete three-year course was offered, in which, during the third year, the greater part of the time may be put intensively upon book-keeping, or stenography and typewriting, as in private commercial schools, as it was thought that there was a demand for a shorter course. Up to the present time, however, the authorities have been unable to find enough pupils who desired to shorten their course, to justify the formation of these special classes.

RESPONSIBILITY FOR APPROPRIATIONS

Expenditures and Efficiency

Nevertheless, realizing that, under present financial stress, the community may, through its representatives, the Mayor and the Board of Aldermen, see fit to reduce appropriations of various departments, it may be well at this time to state clearly the attitude and policy of the School Committee. It cannot be done better than in the words of Dr. Frank E. Spaulding, of Newton, in his last annual report:

"Let us state this matter in the clearest terms possible. The school department is anxious that the present school efficiency be maintained; the school department asks the Board of Aldermen to make appropriations barely sufficient for this purpose. If such appropriations are made, the school department may justly be held responsible for the maintenance of the schools' efficiency; if such appropriations are not made the school department may justly be held responsible for doing the very best it can with the appropriations placed at its disposal. If a reduced appropriation should compel the school department to adopt measures that impair the schools' efficiency, the department could not, if it would, assume responsibility for such enforced action. That responsibility was assumed—could not be avoided—by the Board that fixed the amount of the appropriation.

"Let no one misunderstand this plain statement of fact; there is no thought of coercion in it. The school department gladly leaves with the Board of Aldermen the responsibility with which that Board is charged—the responsibility of determining school appropriations. The school department also gladly assumes the responsibility of making the most

efficient use possible of such appropriations as the Board of Aldermen grants."

If, then, reductions are made in the school budget, the Melrose School Committee pledges itself, as always, to use its best judgment in the most efficient expenditure of the amounts appropriated. However, the responsibility for the reduction in educational opportunity must rest upon the appropriating body, and the results must be accepted by the community, which has authorized it through its representatives.

CERTAIN WAYS IN WHICH EXPENDITURES MIGHT BE REDUCED

There is no doubt that reduction might be made. The question is, would the community approve and accept the results. Following are some of the possibilities:

1. Regular increases of salaries under the accepted schedule might be refused. This would affect some fifty-four persons, and effect a saving of approximately \$1500 this year or a saving of eight cents on the tax rate. However, these increases are a moral obligation, assumed when teachers are hired, to be allowed annually when services are satisfactory. The effect upon a loyal body of teachers can be appreciated. Many of our best teachers have refused higher salaries in other cities, because of their pleasant relations in Melrose, and because of the stability of their positions and prospects. If regular increases, which have been fairly earned, are refused, such incentive will be destroyed, and we shall soon lose our best teachers.

2. The teaching force might be replaced by others who would accept considerably lower salaries. This might effect a saving of several thousand dollars a year. Such teachers, however, would have either no training or no experience. The demand of Melrose parents has always been for better rather than poorer teachers.

3. All teachers of special subjects might be dispensed with. We have five such teachers,—of manual training, music, drawing, writing and primary work. This would save approximately \$4,350 or about twenty-four cents on the tax rate. Such a step would deprive the whole teaching force,—who are not especially trained to teach these subjects,—as well as all our children, of valuable and practical instruction, supervision, and inspiration of teachers who are particularly well fitted and efficient. It would also deprive about 284 boys in the grammar schools, and 75 in the High School, of instruction in woodworking and the use of tools, and would very greatly reduce the efficiency of our schools.

4. The number of pupils per teacher in the High School might be increased. This might enable us to release one or two teachers. We already have a larger number of pupils to each teacher than the average of other city High Schools of the State. The teaching would be less efficient, and we would soon lose our best talent. The number should be reduced rather than increased, if we are working for efficiency.

5. The appropriation for Text Books and Supplies might be reduced. The cost per pupil for this item is very reasonable considering the number in our High School, where the cost is the largest. A reduction would mean the continuance of books which are not in fit physical condition to place in the hands of our children, and from the standpoint of health as well as efficiency, would not be economy. We have many books which have already been in use from ten to fourteen years.

6. The appropriation of \$750 for transportation of pupils from the South East section might be eliminated. This would very properly arouse severe criticism. Many of these children are small, and live in a section where roads are poor, two or three miles from school. It would not be possible for many of them to attend school during the winter months.

7. Fuel and Light. This item has been reduced \$2000 in the last three years. Further reduction is impossible.

8. Maintenance of Buildings and Grounds. For many years the city has expended less than one per cent annually for repairs, replacement and upkeep on buildings and grounds, valued at approximately \$500,000. This has meant that after the absolutely essential repairs on roofs, heating plants and plumbing have been made, nothing is left for other items. This is poor business policy. A reduction would be disastrous.

9. The school year might be shortened. At the present time we have only one hundred eighty-three school days of five hours each, in the school year, surely too short a time for the work that is to be accomplished. We need more time rather than less. Further, under the State law we cannot shorten the year for the High School. Again, teachers and janitors are hired by the year, at an annual salary. The city would undoubtedly be legally liable for salaries. Therefore, there would be no saving except a very slight one in our overhead expenses.

IF REDUCTIONS ARE TO COME, THEY MUST BE MADE IN THESE ITEMS

There are no other ways in which economy can be practised in the school department. If the community considers it necessary in order to decrease expenses, to reduce the appropriation, and thus the efficiency of our public schools, the school authorities will continue to give their best efforts and judgment for Melrose children, with whatever funds are made available.

WE MUST, HOWEVER, NOT LOSE SIGHT OF PLANS FOR FUTURE ADVANCEMENT

In our last report certain definite needs of our school system were set forth, and recommendations made. These were briefly as follows: Special classes and a differentiated course of study in the elementary schools, and the development of very practical courses in the High School for both girls and boys. These plans cannot be carried out without a

larger appropriation. The present does not seem a proper time to urge larger expenditures. Notwithstanding our temporary financial straits, the community should keep such advancements in mind, and as soon as possible demand that the educational opportunities for our children be made at least equal to those of neighboring cities.

THE HEALTH OF OUR CHILDREN SHOULD BE BETTER CONSERVED

There is one matter, however, in which we have no right to delay action on account of expense. This is the better care for the health of our children. In this connection we need at once:—

1. A school nurse, who would devote her whole time to daily visitation of schools, inspection and care of children, and to advice, instruction and help in the homes where needed. With our present knowledge, occasional epidemics cannot be entirely prevented, but such inspection ought to reduce considerably the spread of contagious diseases, as well as make for better general health.

2. A dental clinic. The best medical authorities ascribe to poor teeth, a large part of our physical ills. Malnutrition, and the resultant evils of poor health, disease and often crime, attend closely upon bad teeth. Every child has a right to protection in this respect and it is a community affair. A large percentage of our children, either through neglect or because of financial inability are not properly cared for. The city should see that this is done, and bear the expense when it cannot be borne by the parents, simply as a matter of civic insurance.

3. Slate blackboards in the following schools: D. W. Gooch, Winthrop, Sewall, Ripley, Whittier and Warren. The present boards in these buildings are made upon plaster, cost a large amount frequently for repairs and renewal, are extremely unsatisfactory, and a prolific source of eye strain.

In closing this report I wish to extend my acknowledgments to the School Committee, to the teachers, and to the community, who have given constant encouragement and support throughout the year.

Respectfully submitted,

JOHN C. ANTHONY,

Superintendent of Schools

IN SCHOOL COMMITTEE,

Voted:—

January 25th, 1915

To accept the report of the Superintendent of Schools and to adopt the same as the annual report of the School Committee for the year 1914.

TOTAL COST OF ELEMENTARY SCHOOLS

School Year 1913-14

General Control

General Administration Salaries.....	\$2,026.15
Other General Salaries.....	1,043.64
Other General Expenses.....	383.77

Instruction

Teachers' Salaries.....	\$40,939.92
Text Books and Supplies.....	2,040.75

Operation of School Plant

Janitors' Services.....	\$4,701.50
Fuel and Light.....	4,603.68
Water and Miscellaneous.....	632.40

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$4,049.25
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Auxiliary Agencies

Transportation.....	\$660.75
Tuition and Miscellaneous.....	1,508.57
	<u>\$62,590.38</u>

AVERAGE COST PER PUPIL, ELEMENTARY SCHOOLS

for these items, for the School Year, 1913-1914, based on the average membership (1918.85) was as follows:—

General Control

General Administration Salaries.....	\$1.05
Other General Salaries.....	.39
Other General Expenses.....	.22

Instruction

Teachers' Salaries.....	\$21.34
Text Books and Supplies.....	1.07

Operation of School Plant

Janitors' Services.....	\$2.46
Fuel and Light.....	2.40
Water and Miscellaneous.....	.34

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$2.12
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Auxiliary Agencies

Transportation.....	\$.35
Tuition and Miscellaneous.....	.79
	<u>\$32.53</u>

CITY OF MELROSE

TOTAL COST OF HIGH SCHOOL
School Year 1913-14

General Control

General Administration Salaries.....	\$773.85
Other General Salaries.....	206.36
Other General Expenses.....	315.67

Instruction

Teachers' Salaries.....	\$28,342.17
Text Books and Supplies.....	3,606.15

Operation of School Plant

Janitors' Services.....	\$3,449.78
Fuel and Light.....	2,019.02
Water and Miscellaneous.....	364.23

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$1,137.76
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Auxiliary Agencies

Tuition and Miscellaneous.....	\$361.56
	<u>\$40,576.55</u>

AVERAGE COST PER PUPIL, HIGH SCHOOL

for these items, for the School Year, 1913-1914, based on the average membership (737.00) was as follows:—

General Control

General Administration Salaries.....	\$1.05
Other General Salaries.....	.28
Other General Expenses.....	.43

Instruction

Teachers' Salaries.....	\$38.45
Text Books and Supplies.....	4.89

Operation of School Plant

Janitors' Service.....	\$4.68
Fuel and Light.....	2.74
Water and Miscellaneous.....	.50

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$1.54
Tuition and Miscellaneous.....	.49
	<u>\$55.05</u>

TOTAL COST OF ALL SCHOOLS

School Year 1913-14

General Control

General Administration Salaries.....	\$2,800.00
Other General Salaries.....	1,250.00
Other General Expenses.....	699.44

Instruction

Teachers' Salaries.....	\$69,282.09
Text Books and Supplies.....	5,646.90

Operation of School Plant

Janitors' Services.....	\$8,151.28
Fuel and Light.....	6,622.70
Water and Miscellaneous.....	996.63

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$5,187.01
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Auxiliary Agencies

Transportation.....	\$660.75
Tuition and Miscellaneous.....	1,870.13

\$103,166.93

AVERAGE COST PER PUPIL

School Year 1913-14

Based on average membership (2655.85)

General Control

General Administration Salaries.....	\$1.05
Other General Salaries.....	.47
Other General Expenses.....	.26

Instruction

Teachers' Salaries.....	\$26.09
Text Books and Supplies.....	2.13

Operation of School Plant

Janitors' Services.....	\$3.07
Fuel and Light.....	2.49
Water and Miscellaneous.....	.37

CITY OF MELROSE

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	\$1.95
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Auxiliary Agencies

Transportation.....	\$.25
Tuition and Miscellaneous.....	.71

Average cost per pupil, Melrose.....	\$38.84
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ANNUAL FINANCIAL EXHIBIT

Fiscal Year Ending December 31, 1914

Receipts

Appropriations, regular items.....	\$101,935.00	
Appropriation from tuition.....	2,852.81	
Appropriation, special High School Walks....	1,500.00	
		\$106,287.81

Expenditures

General Expenses.....	\$4,776.74	
Teachers' Salaries.....	72,890.42	
Text Books and Supplies.....	6,347.45	
Tuition.....	789.10	
Transportation.....	714.50	
Janitors' Services.....	8,193.97	
Fuel and Light.....	4,990.12	
Maintenance of Buildings and Grounds.....	5,307.18	
Furniture and Furnishings.....	198.45	
Other Expenses.....	495.55	
		\$104,703.48
Special High School Walks.....	1,497.71	
		\$106,201.19
Unexpended balance, regular items.....	82.75	
Unexpended balance, special High School Walks.....	2.29	
Unexpended balance, tuition.....	1.58	
		\$106,287.81

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1913-1914

I. By Schools

Schools	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High.....	767	353	414	737.00	720.87	96.00
Washington.....	387	206	181	351.83	331.95	94.39
Franklin.....	323	167	156	312.61	298.01	95.42
Gooch.....	202	120	82	198.62	194.39	94.06
Lincoln.....	344	184	160	324.61	312.28	96.21
Livermore.....	174	87	87	162.56	157.20	96.69
Whittier.....	135	59	76	124.43	116.80	94.04
Sewall.....	147	75	72	139.67	134.45	96.24
Winthrop.....	130	58	72	123.86	117.21	94.95
Warren.....	178	95	83	156.37	154.05	94.26
Ripley.....	28	10	18	24.29	21.88	90.06
Total.....	2,815	1,414	1,401	2,655.85	2,559.09	96.35

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1913-1914

2. By Grades

Grades	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High.....	767	353	414	737.00	720.87	96.00
Eighth.....	235	119	116	220.90	213.03	96.42
Seventh.....	263	144	119	232.97	223.30	95.87
Sixth.....	257	138	119	251.53	239.83	95.70
Fifth.....	220	119	101	214.45	211.58	94.99
Fourth.....	233	127	106	223.44	213.42	95.36
Third.....	230	111	119	215.15	205.63	95.56
Second.....	273	142	131	263.24	249.29	94.42
First.....	337	161	176	297.17	282.14	92.18
Total.....	2,815	1,414	1,401	2,655.85	2,559.09	96.35

**NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS
NOVEMBER, 1914**

	Male	Female	Total
High (Grades X, XI, XII, XIII).....	8	22	30
Grammar (Grades V, VI, VII, VIII).....	1	27	28
Primary (Grades I, II, III, IV).....	0	28	28
Supervisors, Music.....	1	0	1
Drawing	0	1	1
Manual Training.....	1	0	1
Primary.....	0	1	1
Penmanship.....	0	1	1
Total.....	11	80	91

**NUMBER OF PUPILS IN THE DIFFERENT GRADES
NOVEMBER, 1914**

Primary,	Grade I.....	292
	Grade II.....	281
	Grade III.....	274
	Grade IV.....	231
Grammar,	Grade V.....	244
	Grade VI.....	220
	Grade VII.....	268
	Grade VIII.....	235
High,	Freshman Class.....	237
	Sophomore Class.....	165
	Junior Class.....	207
	Senior Class.....	163
	Post Graduate.....	3
Total.....		2,820

**AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES
SEPTEMBER, 1914**

Primary,	Grade I.....	6 years 4 months
	Grade II.....	7 " 5 "
	Grade III.....	8 " 5 "
	Grade IV.....	9 " 5 "
Grammar,	Grade V.....	10 " 7 "
	Grade VI.....	11 " 6 "
	Grade VII.....	12 " 6 "
	Grade VIII.....	13 " 5 "
High,	Freshman.....	14 " 4 "
	Sophomore.....	15 " 7 "
	Junior.....	16 " 8 "
	Senior.....	17 " 4 "

APPENDIX

Melrose High School

GRADUATION EXERCISES

Class of 1914

Memorial Hall, Evening of June Twenty-fourth at Eight O'clock.

PROGRAM

MARCH—"Priest's March from Athalia" *Mendelssohn*
HIGH SCHOOL ORCHESTRA

INVOCATION
REV. THOMAS SIMS, D.D.

SALUTATORY
ELSIE MAE WOODLAND

CHORUS—"Breathe into this Quiet Vale", *Von Bru*
(From St. Cecelia's Day)

ESSAY—"Thoughts on Our School Life"
ADELAIDE STERLING CLARK

ESSAY—"Equal Suffrage—A Vital Question"
GRACE NOERR SHERBURNE

AWARD OF PRIZES, given by the Franklin Fraternity
HON. SIDNEY H. BUTTRICK

SELECTION, from "The Serenade" *Herbert*
HIGH SCHOOL ORCHESTRA

ANNOUNCEMENT OF ALUMNI SCHOLARSHIPS
PHILIP B. CARTER
President of Alumni Association

CHORUS—"Bedouin Love Song" *Pinser*
BOYS' GLEE CLUB

VALEDICTORY
EVELYN MARGARET IDE

PRESENTATION OF DIPLOMAS
DR. LOWELL F. WENTWORTH
Chairman of the School Committee

CHORUS—"Softly My Heart Unfolds" *Sant Saens*
(From Samson and Delilah)
GIRLS' GLEE CLUB

SENIOR CLASS HONOR LIST

Pupils who have maintained a general average of 90% or over during their whole course.

Evelyn Ide	Lawrence Flett
*Elsie Woodland	Dorothy Richards
*Grace Sherburne	Elizabeth Rand
Adelaide Clark	Ethel Patten
John Dole	Ruth Johnstone
Isabelle Lee	Herbert Duffill

Olive Servis

*Miss Woodland and Miss Sherburne are practically tied for second place there being a difference of 1-100 per cent between them.

HONOR LIST FOR OTHER CLASSES

Pupils who have maintained an average of 90% or over in each subject during the past year.

Junior Class

Hilda Allstrin	Marjorie Lynch
Jennie Bond	Amanda Curit
Ellie Corbett	Leslie Garrett

Sophomore Class

Edward Donovan

Freshman Class

Marion Pickles	Melvin Jenney
Philip Clark	Edward Johnson
Irma Cofren	Lois Litchfield
Ruth Eldredge	Evelyn Lossone
Ednah Garrett	Dorothy Nichols

The following have secured enough credits to graduate in three years:

*Helen Anthony	Ellsworth Paterson
Waldemar Broberg	Belle Segel

*Will graduate with her class.

MELROSE WOMAN'S CLUB HONORS

Grace Sherburne	Eleanor Restall
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ALUMNI] SCHOLARSHIPS

Ralph T. Howe	Waldemar Broberg
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CITY OF MELROSE

FRANKLIN FRATERNITY PRIZES

English (Senior Class)

Elsie Woodland
Dorothy Coggeshall, Honorable Mention
Grace Sherburne, Honorable Mention

English (Junior Class)

Viola Simonds
William Dole, Honorable Mention

English (Sophomore Class)

Alma Hilton

English (Freshman Class)

Ruth Eldredge
Helen Whiton, Honorable Mention

Algebra (Freshman Class)

Melvin Jenney
Edward Johnson, Honorable Mention

Algebra (Open to all)

Stanley Leonard
Harry LeVine, Honorable Mention

Geometry (Sophomore Class)

Mary White
Lawrence Lovejoy, Honorable Mention
Miriam Loring, Honorable Mention

Geometry (Open to all)

Edmund Little
Roland Hussey, Honorable Mention

Assessors' Report

Hon. Charles H. Adams, Mayor of the City of Melrose

Dear Sir:—The Board of Assessors herewith submit their report for the year ending December 31, 1914.

Taxable Valuation of the City.

Buildings.....	\$10,144,550.00	
Land.....	5,816,700.00	
	<hr/>	\$15,961,250.00
Personal Estate, including Resident Bank Stock.....		2,606,080.00
		<hr/>
Total Real and Personal Estate.....		\$18,567,330.00
Rate of Taxation \$21.70 per \$1000.00.		

Appropriations.

State Tax.....	\$35,700.00
County Tax.....	19,577.92
Met. Sewer Tax.....	17,437.18
Met. Park Tax.....	10,558.39
State Highway Tax.....	67.65
Charles River Basin Tax.....	1,731.04
Bureau of Statistics.....	136.46
City Budget.....	316,917.47
Overlay.....	10,154.95
	<hr/>
	\$412,281.06

Tax on Real Estate.....	\$346,359.12
Tax on Personal Estate.....	56,551.94
Tax on 4,685 Polls.....	9,370.00

\$412,281.06

Moth Tax Assessed.....	\$234.05
Street Watering Assessed.....	9,995.29
Excise Tax Assessed (Bay State Street Ry. Co.).....	2,325.72

Number of resident individuals, firms, etc., assessed.....	2,771
Number of non-resident individuals, firms, etc., assessed.....	751
Number of persons assessed for poll tax only.....	4,685
Number of horses assessed.....	341
Number of cows assessed.....	229
Number of swine assessed.....	38

Valuation of property exempt from taxation:—

Houses of religious worship.....	\$370,775.00
Benevolent institutions.....	169,225.00

\$540,000.00

CITY OF MELROSE

We herewith include a statement of the assessed valuation of taxable property for each of the preceding years, the abatements thereon allowed previous to the thirty-first day of December preceding, and the average of such valuations reduced by such abatements.

	Valuations including Additional	Abatements	Net Valuation
1912	\$17,624,825.00	\$424,125.00	\$17,200,700.00
1913	18,236,875.00	342,475.00	17,894,400.00
1914	18,652,005.00	291,725.00	18,360,280.00
			3 | \$53,455,380.00
			| \$17,818,460.00

Respectfully submitted

FRANK R. UPHAM,

WILLIAM MORSS,

Assessors.

Report of Inspector of Wires

To the Honorable Mayor and the Board of Aldermen:

Gentlemen:—I respectfully submit the following report of the Wire Department for the year January 1st to December 31, 1914.

INSPECTION DEPARTMENT.

Appropriation.

Inspection Department.

Appropriation		\$65.00
Printing	24.50	
Telephone	23.74	
Carfare and stamps	15.16	
Teams	3.50	66.90
		<hr/>
Overdrawn		\$1.90

Fire Alarm Maintenance

Appropriation		\$1,000.00
Gamewell	\$20.34	
Malden Electric Co.	20.86	
Fred Edwards, salary	625.00	
Corthell	32.50	
Moore	7.10	
Team	25.00	
Electric Storage Battery	33.40	
Stock and ex.	61.52	825.78
		<hr/>
Balance		\$174.28

Police Signal Box

Appropriation		\$300.00
Gamewell	\$27.60	
H. Harper	18.00	
Fred Edwards, salary	187.50	
Stock	16.60	249.76
		<hr/>
Balance		\$50.24

Fire Alarm System.

The Fire Alarm System has been kept in excellent repair, both in the battery room, where we have rebuilt about one hundred of the batteries, installed electric lights and laid new ground wire on one charging line, also changed the meter of the Malden Electric Company from a power rate to a lighting rate, which allows us to use electric lights at a saving of about six dollars a year. The lines throughout the city have been kept in excellent repair, also we have installed three new boxes.

Police Signal.

The police signal has been kept in excellent repair, both in the police room and on the lines throughout the city.

Inspection of Wires

I have made inspection and issued two hundred and sixty-five (265) permits for new services in buildings; inspected and issued permits for sixty (60) meters to be reset, and written permits for fifty-four (54) sets of additional lights, making a total of three hundred and seventy-nine (379) permits issued from March 1st to December 31, 1914. There were thirty-five (35) permits issued from January 1st to March 1st, making a total of four hundred and fourteen (414) permits for the year 1914. I also made about one thousand (1000) preliminary inspections besides the ones stated above, and sent out 100 cards for repairs to be made before meter would be installed or allowed the people to have their meter and make repairs immediately afterwards so as not to inconvenience them by keeping them without lights.

The Malden Electric Company have installed their wires underground from the Malden line to Porter Street, connecting the houses and buildings along the same underground, and have installed flare-arc lights throughout the centre of the city. They have also installed conduits underground from Porter Street to Franklin Square.

I have also made plans and written specifications, and held meetings with the Mayor and Board of Aldermen in regard to the laying of the Fire Alarm and Police Signal Wires underground from Malden Line to Porter Street.

Respectfully submitted,

WINTHROP W. MOORES,

Inspector of Wires.

Report of Inspector of Buildings

To His Honor, the Mayor, and Board of Aldermen:—

Gentlemen:—The year 1914 shows a steady increase in number and valuation of new buildings erected. On September 1st the permits were 10% higher than the same date in 1913, since that time, owing to the general hard times, and the high rates of money, building operations have fallen off to a marked degree. Yet, notwithstanding this drawback we are able to show a substantial increase over the preceding year. The permits for new houses number eighty-three (83) with a valuation of three hundred eighteen thousand nine hundred and fifty (318,950) dollars being thirty-three thousand and seven hundred (33,700) dollars more than the value of new houses in 1913.

The total number of permits issued for all classes of work was two hundred (200), with a valuation of three hundred and eighty-eight thousand four hundred and forty-five (388,445) dollars.

There has been one hundred and seventy-five (175) visits paid to work during construction and many other visits for consultation, concerning location of buildings and other questions of interest to owners and builders.

The work of building has been carried on in the spirit of co-operation between the builders and the Building Inspector, so that whenever it has been necessary to ask for alterations or additions, the request has been cheerfully complied with.

There is a constantly increasing demand for the services of the Building Inspector. Under the present conditions it is hard for him to find time to give proper supervision over some classes of work which needs more than ordinary oversight.

It is obvious that with the growth of the City, and increasing needs of this Department, provision should be made which will enable the inspector to give more time to the work.

BUILDING OPERATIONS DURING 1914.

Upper half of square denotes number of permits issued.

Lower half gives the Cost based on Estimates stated in application.

	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Per- mits	Totals
New	9	14	12	11	6	14	17	83	\$318,950
Dwellings	\$39,300	\$49,700	\$56,900	\$45,200	\$28,100	\$57,650	\$42,100		\$318,950
Private	5	5	7	7	2	3	3	34	
Garages	1,000	\$1,025	\$2,250	\$1,800	\$325	\$4,200	\$300		\$10,900
Public					1			1	
Garages					\$5,000				\$5,000
Dance									
Halls						2		2	\$13,000
Office		1		1				2	
Buildings		\$2,800		\$300					\$3,100
Additions and other small buildings	6	11	8	8	5	15	24	77	
	\$450	\$3,175	\$2,775	\$5,050	\$2,150	\$16,605	\$7,290		\$37,495
								200	\$388,445

FINANCIAL STATEMENT.

Appropriation \$25.00

Expended

Printing Permit Blanks	\$3.50	
Printing 100 Postal Cards	2.50	
Printing Application Blanks	9.00	
300 Stamped Envelopes	7.75	\$22.75
Balance		\$2.25

Respectfully submitted,

GEORGE L. BURGESS,

Building Inspector

Report of the Sealer of Weights and Measures

To the Honorable Mayor and Board of Aldermen:—

Gentlemen:—I respectfully submit the report of the doings of this Department for the year ending Dec. 31, 1914.

	Sealed	Adjusted	Condemned	Tagged for repairs
Scales.....	281	28	27	17
Av. Weights.....	564			
Apoth. ".....	60	2	2	
Dry Measures.....	33			
Wet ".....	152		2	
Milk Jars.....	143		1	
Oil Pumps.....	26	7		
Linear Measures.....	18	1		
	1,057	38	32	17
Coal (in transit) 2 loads short average				16 lbs.
5 " over "				15 "

All other weighings showed even weight.

One case taken to Court, placed on file.

Stores have been visited frequently, and reweighing made of articles that were ready for delivery, in 7 instances short weight were found, all under an ounce.

In addition to the apothecary weights and measures being placed under the jurisdiction of the Sealer, the merchants have called on the department for assistance more than heretofore.

A Report and Inventory has been filed with the State Department. as required by law. Also an Inventory of all the apparatus and equipment in this office has been filed with the Auditor. An additional expense of about \$40,000 was incurred for apothecary scales and weights.

Receipts, \$53.59

Expenses, \$68.67

Respectfully submitted

CHARLES E. MERRILL,
Sealer of Weights and Measures

Annual Report

of the

Board of Health

of the

City of Melrose

for the

Year Ending December 31st,

1914

MAYOR

Honorable Oliver B. Munroe

BOARD OF ALDERMEN

COMMITTEE ON EDUCATION, HEALTH AND CHARITY.

Mr. William A. Carrie, *Chairman*; Mr. Jonathan H. Atkinson, Mr. E. Thatcher Clark, Dr. Arthur T. Gage, Mr. Jeremiah F. Lucey, Mr. Arthur L. Marr, Mr. Eugene L. Pack.

MEMBERS OF THE BOARD OF HEALTH.

Dr. Clarence P. Holden	. . . . .	21 Vine Street
Arthur A. Hayden, Esq.	. . . . .	126 W. Foster Street
Mr. Melvin A. Walter	. . . . .	39 Cleveland Street

Chairman, Clarence P. Holden, M.D.

OTHER OFFICERS

Grace French, *Clerk*.
Andrew J. Burnett, *Plumbing and Sanitary Inspector*.
Dr. Frank P. Sturges, *V. S. Inspector of Animals and Slaughtering*.
David O. Parker, *Inspector of Slaughtering*
Robert N. Hoyt, *Inspector of Milk*
Dr. Ralph R. Stratton, Dr. Arthur T. Gage, Dr. Albert E. Small, *Medical*
Inspectors of Schools.

Report of Board of Health

To the Honorable Mayor and Board of Aldermen, City of Melrose:—

*Gentlemen:—*The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1914.

DISEASES DANGEROUS TO THE PUBLIC HEALTH.

A considerable number of additions to the list have been made by the State Board of Health during the year making the full list now required by law to be reported to the Board of Health as follows, viz:

Actinomycosis, anterior poliomyelitis, anthrax, Asiatic cholera, chicken-pox, diphtheria, dog-bite (requiring anti-rabic treatment), dysentery, *a. zamebic*, *b. bacillary*, epidemic cerebro-spinal meningitis, German measles, glanders, hookworm disease, infectious diseases of the eye:—*a. ophthalmia neonatorum*, *b. suppurative conjunctivitis*, *c. trachoma*, leprosy, malaria, measles, mumps, pellagra, plague, rabies, scarlet fever, septic sore throat, smallpox, tetanus, trichinosis, tuberculosis (all forms), typhoid fever, typhus fever, whooping cough, yellow fever.

The Board of Health of this City aims to secure a safe isolation of all cases of scarlet fever, diphtheria, typhoid fever and tuberculosis, either in hospitals or in their homes, if there are conveniences at home and the house is suitable arranged and of sufficient size, that is, the Board seeks isolation of patients and seeks to avoid unnecessary quarantine of whole households. The Board has followed this practice for many years and it has been found reasonably safe for the community in general.

There is a widespread fear of the danger from infected things, which the best scientific opinion of the day considers groundless, the real danger being from the patient rather than from things.

There is another widespread fallacy existing which demands attention. That is the necessity of disinfection and its efficacy in the prevention of the spread of contagious diseases. The experience of the Board has proven over and over again that the public danger is not from lax quarantine or from infected things but rather from mild and unrecognized cases which are never reported to the Board of Health.

Diphtheria. There was a total of eighty-six cases of diphtheria during the year with three deaths. A very large number of these cases occurred during the last quarter and the outbreak was especially difficult to handle from the fact that a large number of cases were very mild. Also there were a large number of nasal cases which were supposed to be suffering from common colds. The lesson for the public, of this outbreak, is the danger of mild cases and especially of nasal cases. Out of this total of eighty-six cases, twenty were taken care of in hospitals.

Scarlet Fever. There were sixty-nine cases of scarlet fever as against seventy-one in 1913 and three deaths, where there were none in 1913. Of this number, 28 were cared for in hospitals.

Typhoid Fever. There were five cases of typhoid fever and two deaths. All of these cases probably were contracted outside of Melrose.

Tuberculosis. The total number of cases on the list Dec. 31, 1913 was twenty. Sixteen new cases were reported during the year and to this number should be added three cases of tubercular meningitis not reported during life, also two out of town cases not reported during life, dying suddenly in Melrose, making a total of forty-one cases. The disposition of these cases was as follows, viz: deaths, all forms, fourteen; removals from City, six; arrested cases, five; leaving sixteen active cases on our records Dec. 31, 1914 as against twenty on Dec. 31, 1913.

Of fourteen reported deaths in the city, four were non-residents, making the actual number of deaths of Melrose residents during the year ten. Eight cases have been maintained at various State and local hospitals, also two non-residents having a settlement in Melrose have been maintained in hospitals. One case has been maintained at home. There has been a total expenditure of \$885.91.

Table I.
FINANCIAL STATEMENT

	1913	1913 Totals	1914	1914 Totals
Total Appropriations.....		\$7,825.00		\$8,710.00
Special appropriation for safe.....				100.00
Expenditures				
General Administration.....		\$1,136.36		\$1,094.91
Salaries of Board.....	\$650.00		\$650.00	
Salary of Clerk.....	270.84		270.13	
Stationery, postage and printing.....	78.51		52.13	
Telephone.....	43.41		48.51	
Office furnishings.....	58.05		31.20	
Sundries.....	35.55		42.94	
Other Expenses.....		1,165.13		1,124.32
Examination of cultures.....	14.00		10.00	
Sanitary Inspection.....	150.00		208.31	
Plumbing Inspection.....	650.00		650.00	
Fumigation and Disinfection.....	187.33		221.76	
Dumps.....	11.92			
Burial Dead Animals.....	37.00		50.50	
Office furnishings.....	4.62		8.86	
Care of Insane.....	31.90		9.00	
Inspection of Ice.....	24.00		42.00	
Use of automobile and carriages.....	29.25		14.50	
Inspection of Food.....	4.00			
Sundries.....	27.11		9.39	
Quarantine and Contagious Disease Hospital.....		1,733.27		4,425.54
Outside Aid.....	46.60		408.18	
Maintenance of Contagious Hospital..			3.00	
Maintenance of patients at other hospitals.....	1,207.67		3,787.00	
Board while in quarantine.....	52.72			
Reimbursement of other cities.....	345.28		102.86	
Ambulance and carriages.....	81.00		124.50	
Inspection.....		761.00		798.74
Inspection of School Children.....	225.00		218.75	
Inspection of Animals and Slaughtering	136.00		146.65	
Inspection of Milk.....	100.00		100.00	
Milk Analyses.....	300.00		333.34	
Refuge and Garbage Disposal.....		2,000.00		2,000.00
Removal of Garbage.....	2,000.00		2,000.00	
Tuberculosis.....		875.63		885.91
Food.....	37.00		72.93	
Board of Nurse.....	7.43			
Rent.....	34.15			
Board in Hospitals.....	750.80		801.52	
Ambulance and transportation.....	24.25		2.34	
Sundries.....	22.25		9.12	
Safe.....		100.00		100.00
Total Expenditures.....		\$7,671.39		\$10,529.42
Revenues of the Board of Health.....		403.17		991.32
Licenses.....	51.50		44.00	
Reimbursements.....	351.67		947.32	

Of this amount, \$1,883.78 is for the care of patients whose maintenance is chargeable to other cities or the Commonwealth.

Table II.

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city, also all deaths of Melrose cases dying in hospital out of town.

Months	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polio-myelitis		Tuberculosis						Total for Month
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Meningeal		Other Forms				
																	Pul. and Military	Cases	Deaths	Cases	Deaths	Cases		Deaths
January.....	7	..	4	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	13	2
February.....	2	..	15	..	..	..	2	..	..	..	..	..	2	..	..	..	..	..	..	..	18	3
March.....	2	..	1	1	1	1	1	..	..	..	..	..	2	..	..	..	..	..	..	..	22	9
April.....	..	..	4	..	..	1	3	..	..	..	..	..	..	1	..	..	..	1	..	..	23	1
May.....	5	..	12	..	..	..	5	..	..	..	..	..	1	..	..	..	..	..	..	..	18	2
June.....	9	..	7	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	18	1
July.....	2	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	7	1
August.....	..	..	2	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	10	3
September....	6	..	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	1
October.....	13	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	2
November....	26	1	..	..	3	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	34	3
December....	14	2	3	..	..	..	9	..	..	..	..	..	1	..	..	..	..	1	..	..	29	3
Total.....	86	3	69	3	5	2	29	..	1	..	..	..	6	..	1	..	15	11	3	..	213	22

Table III

CASES AND DEATHS OF CERTAIN DISEASES EACH YEAR FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether the cases were transported into the city from elsewhere or were contracted outside of the city, also all deaths of Melese cases dying out of town.

Years	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1905.....	30	..	59	1	14	..	459	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..
1906.....	40	3	36	..	9	8	63	..	77	1	..	..	..	..	..	..	..	..	..	..	..	..
1907.....	50	3	80	1	8	1	18	2	14	2	..	..	..	..	..	..	..	..	..	..	..	..
1908.....	58	2	89	..	13	2	379	1	7	1	..	..	..	..	..	..	..	..	..	..	..	..
1909.....	18	..	106	1	15	3	24	1	124	..	..	..	..	..	..	..	..	..	..	..	..	..
1910.....	41	3	32	..	14	1	18	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1911.....	20	..	36	1	6	..	129	1	39	1	..	..	..	..	..	..	..	..	..	..	..	..
1912.....	18	1	17	..	9	1	381	1	94	1	..	..	..	..	..	..	..	..	..	..	..	..
1913.....	17	2	71	..	7	2	46	..	31	1	..	..	..	..	..	..	..	..	..	..	..	..
1914.....	86	3	69	3	5	2	29	..	1	..	..	..	9	..	1	..	15	11	1	3	..	..

Bacteriology. The Board of Health has enjoyed the services of the Bacteriological Laboratory of the State Department of Health. A large number of cultures have been examined for suspicious throat cases for diagnosis, and for all cases of diphtheria for release. Examinations of sputum in suspected cases of tuberculosis, of blood and other secretions in the diagnosis of malaria, typhoid fever and ophthalmia neonatorum have been made.

Isolation Hospital. All cases of diphtheria and scarlet fever, which could not be satisfactorily isolated at home have been removed to hospitals. Most of them to the Malden Contagious Hospital. There were twenty cases of diphtheria and twenty-eight of scarlet fever cared for at hospitals.

Antitoxin. Antitoxin furnished by the State Board has been distributed freely to the physicians for the treatment of diphtheria. The observation of this Board covering a period of several years is that all cases recognized early and treated with antitoxin are promptly cured.

Vaccination. Vaccine virus furnished by the State Board of Health has been distributed to the physicians and the Board received returns of successful vaccinations. Forty-five successful vaccinations were performed in this office and one hundred and seven pupils examined and certificates issued.

Disinfection. Disinfection by formaldehyde gas at the termination or removal of all cases of scarlet fever, diphtheria, typhoid fever, tuberculosis and infantile paralysis is required.

Table V
INFANT MORTALITY

YEAR	Total under 1 yr.	Under 1 day	1-2 days	2-3 days	3 days	1 week	1-2 weeks	2-3 weeks	3 weeks	1 mo.	1-2 months	2-3 months	3-6 months	6-9 months	9-12 months
1914															
January	3	...	...	...	...	...	...	...	1.	...	1	...	1	...	1
February	4	...	2	...	...	...	...	...	1	...	1	...	...	...	1
March	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...
April	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...
May	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July	2	...	...	1	...	...	...	...	...	1	...	...	...	...	...
August	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
September	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October	2	1	...	...	...	...	...	...	...	...	...	...	1	1	...
November	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Male	11	4	1	1	...	...	...	...	...	...	1	...	3	...	1
Female	11	...	2	...	...	...	...	2	...	...	2	...	2	2	1
White	22	4	3	1	...	...	...	2	...	...	3	...	5	2	2
Colored	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Class No.															
63 Other diseases of the spinal cord	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...
104 Diarrhoea and Enteritis (under 2 years)	F	...	...	...	...	...	...	...	...	...	1	...	1	1	...
109 Hernia, intestinal obstruction	M	...	...	...	...	...	...	...	...	...	1	...	1	...	...
151 Congenital debility, icterus, sclerema	F	2	1	...	...	...	...	...	...	...	...	1	...	...	...
152 Other causes peculiar to early infancy	M	...	2	...	...	...	...	2	...	...	1	...	...	...	...
189 Cause of death not specified or ill defined	F	2	...	...	...	...	...	...	...	...	...	...	...	1	1
Totals	22	4	3	1	...	...	...	2	...	...	3	...	5	2	2

INFANT MORTALITY

Year	Births	Deaths of Children under 1 year	Rate of Mortality of Children under 1 year per 100 of Children born
1910.....	312	36	11.53
1911.....	325	18	5.54
1912.....	305	10	3.24
1913.....	331	19	6.23
1914.....	333	22	6.61

CAUSES OF DEATH
(Still-birth Excluded)

Cerebro-Spinal Meningitis.....	1	Broncho Pneumonia.....	4
Tuberculosis (Pulmonary).....	10	Bronchitis.....	3
Tubercular Meningitis.....	2	Diarrhoea and Enteritis under	
Typhoid Fever.....	2	2 years.....	5
Influenza.....	3	2 years and over.....	2
Alcoholism (acute or chronic)...	1	Acute Nephritis and Bright's	
Diseases of the Nervous System		Disease.....	9
and of Organs of Special		Cancer.....	20
Senses.....	23	Illuminating Gas Poisoning....	2
Organic Diseases of Heart.....	27	All other External Causes.....	7
Pneumonia.....	12		

From unknown or ill-defined causes..... 4

Number of deaths from all other causes not specified
above (not including still births)..... 57

Total.....194

This abridged report of the causes of death is substituted for a full report of all the causes of death, classified by sex, age and cause under the international list of causes of death.

SCHOOL INSPECTION

The following diseases were found in pupils of the public schools. (Statistics are for the calendar year ending Dec. 31, 1914.)

Diphtheria.....	3	Diseases of the Respiratory	
Measles.....	2	System.....	1
Mumps.....	9	Pediculosis.....	53
Scarlet Fever.....	3	Impetigo.....	30
Tonsillitis.....	56	Ringworm.....	27
Anaemia.....	21	Ringworm of Scalp.....	2
Diseases of the Eye.....	4	Other Diseases of the Skin.....	7
Chorea.....	1		

Sixty-seven examinations of children between the ages of 14 and 16 who wished to go to work have been made.

FOOD INSPECTION

The following regulations were adopted: Chapter XVIII, Sec. 1. No person or corporation, individually or by his or its agents, servants or employees, shall allow the body of any animal or part thereof, or any poultry, fish, bread, pastry, or any other provisions or food stuff, which may be used as human food, to be carted or carried through the streets and public ways of the City of Melrose, unless the same be so covered as to be protected from infection and injury by dust, dirt and flies.

Sec. 2. No berries, cherries, grapes, dates, figs, salted peanuts, cracked nuts of any kind, corn cakes, corn crisp, candy or confectionery of any description, maple sugar or any other article of food stuff which may be used for human food, without cooking or peeling, shall be kept or exposed for sale, in any street or public place, in or outside of any shop or store, or in the open windows or doorways thereof, unless they be kept covered so that they shall be protected from infection and injury from dust, dirt and flies.

Sec. 3. No fruit, vegetables or other articles which are intended to be used as human food shall be exposed or displayed in any street or way, or in front of any place of business, unless the bottom of the box or receptacle containing such articles is raised at least twenty-four (24) inches above the sidewalk, platform or landing upon which said receptacle rests.

Sec. 4. Every person or corporation being occupant or lessee of any room, building or place where any meat, fish, birds, fowl, milk, cream and ice cream, vegetables, butter, fruit or other articles intended or held for human food shall be manufactured, stored or kept, or shall be offered for sale, shall put and keep such room, building or place and its appurtenances in a clean and wholesome condition, nor shall any room used for the above purposes be used as a dormitory; and every person having charge or interest of engaged, whether a principal or agent, in the care or in respect to the custody or sale of any meat, fish, birds, fowl, milk, butter, fruit, vegetables, or other articles intended for human food, shall keep, protect, and preserve the same in a clean and wholesome condition, and shall not allow the same or any part thereof to be poisoned, infected or rendered unsafe or unwholesome for human food.

CLARENCE P. HOLDEN, *Chairman*

ARTHUR A. HAYDEN

MELVIN A. WALTER

Board of Health

Approved May 7, 1914 by Oliver B. Munroe, *Mayor*.

Approved May 7, 1914 by the State Board of Health.

MILK INSPECTION

The following from the report of 1913 is here inserted as worthy of repetition:

"The Board desires to say in this connection that the reports of the Milk Inspector show that on the whole we are getting a very high quality of milk. It is unfortunate that the public discussion of the milk question has aroused such a general distrust on the part of the consumers of the quality of milk.

The quality of milk is not only much better than it was several years ago, but it is a fact that it is not only for the sick and children, but for all people one of the most economical foods that can be bought and used.

It is also unfortunate that so many people have discontinued the use of fresh milk for various brands of condensed milk which as a rule are less nutritious and more expensive.

There is another matter which rests wholly with the consumer; that is the proper care of milk after it is received. One hour's exposure in the hot sun may utterly spoil a milk which was sweet and in good condition when delivered."

Milk licenses issued.....	71
To sell milk from stores.....	39
To sell milk from wagons.....	32

Report of Inspector of Milk

The Board of Health, City of Melrose.

Gentlemen:—I herewith submit my report as Milk Inspector for the year 1914.

I. THE CO-OPERATIVE BOARD OF HEALTH ORGANIZATION

The work of Milk Inspector has been performed by me as Director of the Co-operative Board of Health Organization and Laboratory organized by the Massachusetts Institute of Technology and supervised by four professors from Technology and the United States Public Health Service.

II. SCOPE OF THE WORK

The inspection of milk samples has had two objects : (1) the securing of clean milk through the bacteriological analysis; (2) the securing of unadulterated milk through the chemical analysis. This work has no relation to the prevention of the spread of disease through infected milk.

III. COLLECTION OF MILK SAMPLES

Samples of milk have been collected monthly from each dealer delivering by wagon and every other month from stores, restaurants, etc., not selling in original packages.

Collections are made at irregular times and the sample is usually a pint or quart bottle intended for a customer. Other samples taken from cans or dip tanks are poured into sterilized bottles furnished by the collector. These samples are transported, packed in ice, to the laboratory by automobile and analyzed promptly.

IV. METHODS AND RESULTS IN EFFORT TO OBTAIN CLEAN MILK.

"The bacteria count" or the number of bacteria per cubic centimeter has been determined by standard methods and reported as an indicator of the sanitary quality of the milk. The report of the Commission on Milk Standards, which has been published by the United States Public Health Service (reprint No. 141) makes the following authoritative statements: (1) The interests of the public health demand that the control of milk supplies, both as to production and distribution, shall include regular laboratory examinations of milk by bacteriological methods. (2) That Milk with a high bacteria count is not necessarily harmful; but when used as a food, particularly for children, is a hazard too great to be warranted. Milk with a high bacteria count, therefore, should be condemned. Milk with small numbers of bacteria is presumed to be wholesome, unless there is reasonable ground for suspecting that it has been exposed to contagion. Table No. 1, which is printed below, shows the nature of the samples obtained from wagons and stores during the year. The total of 285 samples of milk taken without warning were analyzed bacteriologically. Of the 246 taken from wagons, eighty-three or more than one-third contained less than 10,000 bacteria per cubic centimeter, which is one of the standards set for certified milk. Of the samples taken from stores only three or 7.7% contained as few bacteria.

Table 1
Bacteriological Examinations of Milk

Bacteria per C.C.	Samples from wagons		Samples from stores	
	Number	Per Cent	Number	Per Cent
Below 10,000.....	83	33.8	3	7.7
10,000 to 20,000.....	39	15.5	6	15.4
20,000 to 50,000.....	42	17.1	5	12.8
50,000 to 100,000.....	28	11.5	4	10.3
100,000 to 500,000.....	37	15.1	11	28.0
500,000 to 1,000,000.....	7	2.8	4	10.3
1,000,000 and over.....	10	4.1	6	15.4

As compared with the analyses of 1913, there is a decided improvement in the samples taken from wagons, while the record of the samples taken from stores was poorer in 1914, than in 1913. I believe that the marked improvement in the milk taken from wagons is due to the publicity of milk analyses and the consequent interest that the milk dealers have been taking in the reports mailed to them by the Board of Health. The poor showing of the samples from stores is largely due to the more extended taking of samples from stores where milk is served from dip tanks or cans, and the failure to take samples from stores where milk is sold in the original bottle. The question of publicity of milk analyses was discussed by the Commission (referred to above) which states its position as follows: "When proper standards and regulations are established and adequate facilities furnished for laboratory work, it is believed that the laboratory tests will give an index of the character of the milk delivered to the public by milk sellers, which is entirely fair and impartial. There can be no objection to publicity under such circumstances."

The individual records of the various milk dealers has been shown in two ways: (1) the simpler but less accurate method of averaging the results of all analyses has been followed in Table No. 2 given below. The objection to this method of rating milk supplies is that one or two bad samples might contain so many bacteria that the entire record for the year would be bad.

Table 2
Bacteriological Examinations per Cubic Centimeter

Stores	No. of bacteria	Stores	No. of bacteria
Bugbee & Barrett.....	940,000	Kidder, J. F.	30,000
Fleming, R. P.....	830,000	Marble, W. H.....	720,000
Friend Bros.....	66,000	Sellars, R. R.....	400,000
Foster, J. T.....	155,000	Simpson Creamery.....	97,000
Ideal Lunch.....	500,000	Varley Lunch.....	50,000
Wagon Dealers	No. of bacteria	Wagon Dealers	No. of bacteria
Atwood, F. S.....	100,000	Luce, R. A.....	220,000
Bloss, W. C.....	700,000	Lucey, Daniel.....	18,000
Bucci, Alex.....	84,000	Manning, J. S.....	13,000
Burns, Mary.....	220,000	Moses, E. A.....	160,000
Chisam, S. A.....	480,000	Holden, J. W.....	445,000
City Farm.....	42,000	Pais, A.....	44,000
Dow, George.....	500,000	Penney, M. L.....	190,000
Dunn, W. F.....	6,000	Quinn, M. J.....	23,000
Forbes Bros.....	330,000	Roulston, R.....	35,000
Goldsmith, G. B.....	53,000	Schuman, O.....	46,000
Gittes, Harry.....	35,000	Smith, A. M.....	13,000
Howard, Emma J.....	161,000	Spratt, Abbie.....	35,000
Hayward, C. D.....	20,000	Turner Centre Creamery.....	84,000
Hood, H. P. & Son.....	120,000	White, George.....	160,000
Levy, George.....	200,000	Whiting, D. & Sons.....	35,000

(2) A more accurate method of rating milk supplies is by giving the number of months during which the results of bacterial analyses were excellent, good or bad. This table will require more study than Table No. 2.

Table 3
Bacteriological Analyses

Wagon Dealers	Under 10,000	10,000 to 20,000	20,000 to 50,000	50,000 to 100,000	100,000 to 500,000	500,000 to 1,000,000	1,000,000 and over	No. of Samples
Atwood, Fred C.....	1	2	2	1	3	0	0	9
Bloss, W. C.....	2	0	0	1	2	1	2	8
Bucci, Alex.....	3	1	2	1	2	0	0	9
Burns, Mary.....	3	1	1	1	2	2	0	10
Chisam, S. A.....	1	0	4	1	3	0	1	10
City Farm.....	6	0	0	1	1	0	0	8
Dow, George.....	0	1	0	1	1	1	1	5
Dunn, W. F.....	5	2	0	0	0	0	0	7
Forbes Bros.....	3	1	0	4	1	1	2	12
Goldsmith, G. B.....	4	1	2	2	1	0	0	10
Gittes, Harry.....	4	3	2	0	1	0	0	10
Hayward, C. D.....	1	1	1	0	0	0	0	3
Holden, J. W.....	1	1	0	2	1	1	0	6
Hood, H. P. & Son.....	1	2	4	1	3	0	0	11
Howard Farm.....	2	2	2	2	1	0	1	10
Levy, George.....	2	0	2	1	3	1	0	9
Luce, R. A.....	3	1	2	1	2	0	1	10
Lucey, Daniel.....	2	0	2	0	0	0	0	4
Manning, J. S.....	4	3	1	0	0	0	0	8
Moses, E. A.....	3	3	2	0	0	0	1	9
Pais, Anthony.....	0	2	2	0	1	0	0	5
Penney, M. L.....	1	2	1	3	1	0	1	9
Quinn, M. J.....	7	1	1	0	1	0	0	10
Roulston, R.....	2	0	3	1	0	0	0	6
Schuman, O.....	0	0	2	1	0	0	0	3
Smith, A. M.....	8	1	0	1	0	0	0	10
Spratt, Abbie.....	5	2	2	0	1	0	0	10
Turner Centre.....	2	1	1	1	3	0	0	8
White, George.....	2	1	1	0	2	0	0	6
Whiting, D. & Sons.....	4	4	0	1	1	0	0	10
Total.....	83	39	42	28	37	7	10	245
Per cent.....	33.8	15.5	17.1	11.5	15.1	29.0	4.0	

V. RESULTS OF EFFORT TO DETECT ADULTERATION

The most common forms of adulteration of milk consist in the addition of water or the removal of the cream. These practices as well as the addition of formaldehyde to preserve the milk would be detected by the methods in use in our laboratory. The State requires that milk shall contain at least 3.35 per cent butter fat and 12.15 per cent total solids (the total solids include the butter fat, milk, sugar, protein, and mineral salts in the milk). The milk of some cows is not up to this standard of richness of food value. The enforcement of this standard is for the purpose of protecting the pocket-books rather than health of the consumers. It will be seen that all but one of the milk supplies delivered by wagon have averaged well above the standard of richness required by the State law; while four of the ten stores where the milk was examined, sold milk which did not average up to the State standard. It was evident on inspection that this trouble at the stores was due to failure to properly mix the milk. Unless the proprietor of the stores and his clerks take unusual precautions, they are sure to give the first customer milk of more than average richness from the top of the can, and the last customer will receive a sample of milk which is below the State standard. This is merely one of the many reasons for preferring milk bottled at the dairy to milk from cans or dip tanks in stores. Table No. 4 printed below gives the average percentage of butter fat and total solids for the year for each of the dealers. In selecting a milk supply, cleanliness should be considered before food value.

The appended list of cream analyses shows that this product was well up to the State standard.

Ten samples of ice cream which were analyzed were also found to be well above the State standard of 7 per cent fat.

Table 4
Average of Chemical Analyses

Wagon Dealers	Average		Store Dealers	Average	
	% Fats	% Solids		% Fats	% Solids
Atwood, F. C.....	4.4	13.1	Bugbee & Barrett.....	3.7	12.5
Bloss, W. C.....	3.6	12.3	Friend Bros.....	3.3	12.4
Bucci, Alex.....	4.7	13.6	Fleming, R. P.....	3.8	12.5
Burns, Mary.....	4.2	12.9	Foster, J. T.....	3.1	11.5
Chisam, S. A.....	3.5	12.2	Ideal Lunch.....	3.6	12.2
City Farm.....	3.8	12.5	Kidder, J. F.....	2.7	
Dow, George.....	3.8	12.4	Marble, W. H.....	3.4	12.3
Dunn, W. F.....	4.5	13.5	Sellers, R. R.....	3.5	11.8
Forbes Bros.....	3.7	12.3	Simpson Creamery.....	3.8	12.3
Goldsmith, G. B.....	3.8	12.7	Varley Lunch.....	3.6	12.6
Gittes, Harry.....	3.7	12.5			
Howard, Emma J.....	4.3	12.9	Cream		
Hood, H. P. & Son.....	3.7	12.4		% Fats	
Levy, George.....	3.8	12.7	Davies, J.....	36.0	
Luce, R. A.....	3.7	12.4	Hampden Creamery....	38.6	
Lucey, Daniel.....	3.8	12.6	Hood, H. P. & Son.....	35.0	
Manning, J. S.....	4.4	13.2	Turner Centre Creamery	43.0	
Holden, J. H.....	4.0	12.7			
Pais, Anthony.....	4.1	12.9	Ice Cream		
Pennney, M. L.....	3.6	12.1		% Fats	
Quinn, M. J.....	3.7	12.8	Briry, Wm.....	13.5	
Hayward, C. D.....	3.7	12.4	Burwell, Pharmacy.....	8.7	
Roulston, R.....	3.7	12.9	Cross, Frank.....	9.0	
Schuman, O.....	4.0	13.5	Dill, Jesse A.....	14.5	
Smith, A. M.....	3.7	12.7	Franklin Sq. Pharmacy..	10.2	
Spratt, Abbie.....	4.5	13.2	Kearney's Lunch.....	12.0	
Turner Centre Creamery	3.7	12.6	Lawrence, George.....	7.5	
White, George.....	4.0	12.6	Larrabee & Stearns.....	8.1	
Whiting, D. & Sons....	3.6	12.4	Ripley, H. M.....	17.1	
			Strumpolis, George....	10.5	

VI. RECOMMENDATIONS

As Milk Inspector, I would respectfully make the following recommendations: (1) That the results of the bacteriological milk analyses be published at least quarterly, even if it is necessary to insert such a publication as a paid advertisement. It is my opinion that an average of the last four months' analyses gives a fairer idea of the nature of the milk supply than the publication of the results of one analysis alone. (2) I believe that the bacteriological laboratory examinations, and the inspection of dairies could be better co-ordinated if the work of dairy inspection were placed in my hands as Milk Inspector. I believe, also, that the facilities of our laboratory would be useful in investigating the employees of any milk dealer on whose route were cases of diphtheria or typhoid fever, sufficient in number to suggest the infection by milk. The State Law (Chapter 744 of the Acts of 1914) provides that even the owner of a single cow must obtain a permit for the sale of milk, and such permit shall not be granted except after inspection by the local Board of Health.

Respectfully submitted,
(signed) ROBERT N. HOYT,
Milk Inspector

Report of Inspector of Animals

Melrose Board of Health:—

I herewith submit my report for the past year as Inspector of Animals.

Made physical examinations of 283 head of cattle. Also buildings in which they were kept were given careful examination in regard to sanitary conditions.

Condemned and had killed one cow with tuberculosis.

Made examinations of three dogs supposed to be effected with rabies, and two horses thought to have glanders, all proving to be free from disease.

(signed) F. P. STURGES,

Inspector of Animals

NUISANCES

The following is the list of nuisances abated by order of the Board of Health or its agent, during the year and in parallel column, nuisances abated during the previous year.

	1913	1914
Privy nuisances.....	4	3
Privies abolished.....	11	12
Cesspool nuisances.....	7	6
Cesspools abolished.....	23	18
Premises connected with sewer by order of Board.....	0	1
Hen nuisances.....	10	3
Dumping nuisances.....	23	3
Uncleanly premises.....	7	9
Pig nuisances.....	3	2
Stable nuisances.....	5	1
Manure.....	6	1
Stagnant Water.....	5	2
Insufficient sanitary provision.....	4	2
Obstructed house drain.....	0	1
Defective plumbing.....	3	5
Defective drainage.....	1	0
Animals in apartments.....	2	0
Leaking garbage wagon.....	2	0
Filthy milk bottles.....	1	0
Pollution of drinking fountain.....	1	0
Lunch cart nuisance.....	1	0
Noise.....	2	0
Ell Pond Brook.....	1	0
Committing nuisance.....	0	1
Offensive rabbit pen.....	0	1
Complaints investigated and no cause for complaint.....	7	4
Dead animals buried.....	47	66
Dead animals unburied.....	2	0

GARBAGE

The collection of garbage has continued under the contract which expires Sept. 1, 1915. The contract system of garbage collection has one merit, economy for the City, but it has many defects; so many in fact, that most cities have abandoned it.

Under any system householders should remember:

First—Garbage is household food waste and not any offensive substance that they wish to get rid of.

Second—A covered galvanized pail should be provided as a receptacle, all garbage should be drained and no water allowed in the bucket, and all substances like raw fish or meats should be wrapped in paper.

Third—The garbage can should be kept in a place convenient of access, well covered and protected from mauling cats and dogs and should be flyproof and cleaned after each collection.

Fourth—The garbage of Melrose is fed to swine and no broken glass or crockery or empty cans or poisonous substances should be allowed in the pail.

Report of the Inspector of Plumbing

January 1, 1915

To the Board of Health, City of Melrose, Mass.

Gentlemen:—I submit the following as the annual report of plumbing inspection for the year ending Dec. 31, 1914.

Number of applications received	253
Number of permits granted	250
Number of new buildings connected with sewer	65
Number of old buildings connected with sewer	39
Number of new buildings connected with cesspools	14
Number of old buildings connected with cesspools	7
Number of sinks installed	146
Number of wash trays installed	121
Number of water closets installed	219
Number of bath tubs installed	150
Number of wash bowls installed	162
Number new traps installed	53
Number pantry sinks installed	1
Number of urinals installed	3
Number garage wash stands, floor drains and traps installed	1
Number of shower baths installed	1
Number of lead bends replaced	6
Number of floor drains	1
Number of dental sinks	1
Total number of fixtures installed	865

Respectfully submitted,

ANDREW J. BURNETT

Inspector of Plumbing

ELL POND

During the month of August, the Board made the experiment of removing from the waters on the south shore of Ell Pond a considerable accumulation of "algae" which accumulates in the water every summer and is very offensive. The experiment was successful and the work should be done during the coming summer on a much larger scale.

UNDERTAKERS

The following named undertakers have been licensed: Albert J. Walton, John H. Gately, Stephen W. Harvey, Fred T. Churchill and Henry W. Clark.

BOARDING HOUSES FOR INFANTS

The Board has approved the applications of the following named persons to maintain boarding houses for infants: Mary E. Silver, Nellie Crosby, Marie Fester, Jennie I. Chapman, Mary J. Crowley, Agnes Thompson, Clara J. Manley, Jane Harfst, Edith A. Benson, Minnie A. Taylor, Mary Bourne, Phoebe E. A. Morris, Annie Broderick, Victoria Hobart and Loverna Andrews.

ESTIMATED POPULATION JULY 1, 1914, 16,719

	1910	1911	1912	1913	1914
Apparent death rate per					
1,000 population	13.00	10.98	10.33	11.30	11.59
Corrected death rate per					
1,000 population	14.43	12.03	11.88	12.91	11.84

NOTE.—The corrected death rate is found by eliminating the records of all non-residents dying in Melrose, and adding the records of all Melrose residents dying elsewhere, as shown by the records of the City Clerk.

CLARENCE P. HOLDEN

ARTHUR A. HAYDEN

MELVIN A. WALTER

Board of Health.

Report of the Overseers of the Poor

The Honorable Mayor and Board of Aldermen, City of Melrose.

Gentlemen:—The Board of Overseers of the Poor herewith submit^s its annual report for the year ending Dec. 31, 1914.

PARTIAL SUPPORT

Individuals Aided.....	364
Adults.....	130
Children.....	234
Having settlement in Melrose.....	266
Having settlement elsewhere in state.....	66
Having no known settlement.....	26
 Families Aided.....	 99
Having settlement in Melrose.....	74
Having settlement elsewhere in state.....	18
Having no known settlement.....	7

FULL SUPPORT

Supported at City Home.....	20
Boarded in private families.....	5
Children boarded by State.....	7
Deaths at City Home.....	0
Cases admitted during year.....	17
Cases discharged.....	12
Remaining at City Home Jan. 1, 1915.....	8
At State Hospital at Tewksbury.....	3
At Massachusetts Hospital School.....	1

Appropriations

General Administration.....		\$775.00
Almshouse.....	\$1,800.00	
Additional Appropriation.....	500.00	
Transfer from "Other Cities and Towns".....	350.00	2,650.00
Outside Relief by City.....	2,500.00	
Additional Appropriation.....	500.00	3,000.00
Relief by other Cities and Towns.....	1,000.00	
Transfer from "Mothers' Aid".....	1,000.00	
Less amount transferred to "Almshouse".....	350.00	1,650.00
Mothers' Aid.....	2,000.00	
Less amount transferred to Relief by other Cities and Towns.....	1,000.00	1,000.00

Receipts

Almshouses	\$1,522.69	
Reimbursements	1,309.11	\$2,831.80

Expenditures

General Administration	\$761.84
Almshouse	\$2,630.31
Outside Relief by City	2,999.61
Relief by other Cities and Towns	1,637.55
Mothers' Aid	992.00

MOTHERS' AID

	Cash	Reimbursements	Totals
January	No appropriation until April.		
February	The Mothers' Aid was given from Outside Relief		
March			
April	\$71.00		\$71.00
May	112.00		112.00
June	114.00		114.00
July	103.00		103.00
August	100.00		100.00
September	102.00		102.00
October	130.00	\$37.67	167.67
November	92.00	23.33	115.33
December	107.00		107.00
Totals	\$931.00	\$61.00	\$992.00

ADALINE G. REED,
 BERTRAM E. LOVEJOY,
 EDWARD L. MARR, M.D.,

Overseers of the Poor.

Report of the City Physician

*To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.*

Gentlemen:—I send you herewith the ninth annual report of the City Physician for the year ending December 31, 1914.

Visits made for the Charity Department:

At the City Home.....	36	
To the patients in their homes.....	145	222

Office calls..... 180

Visits made for the Health Department:

At hospitals.....	8	
To patients in their home.....	116	
Visits of inspection and consultation.....	269	393

Office treatment for pupils of the public schools..... 85

Office calls for Public Works Department..... 7

Visits for Police Department..... 16

Vaccinations..... 45

Examinations by order of the Mayor..... 9

CLARENCE P. HOLDEN,

City Physician

Report of the Police Department

January 18, 1915

To the Honorable Charles H. Adams, Mayor, and the Members of the Honorable, the Board of Aldermen of the City of Melrose.

Gentlemen:—In compliance with Chapter 33 of the Ordinances of this city, I respectfully submit the following report of the Police Department for the year 1914:

FINANCIAL

Salaries and wages.....	\$17,594.75	
Aldermanic order.....	50.00	
	<hr/>	\$17,644.75
Disbursements.....		17,573.10
		<hr/>
Balance.....		\$71.65
Other Expenses.....	\$300.00	
Transfer from Equipment and Repair.....	50.00	
	<hr/>	\$350.00
Disbursements.....		331.24
		<hr/>
Balance.....		\$18.76
Equipment and Repair.....	\$350.00	
Transfer to other expenses.....	50.00	
	<hr/>	300.00
Disbursements.....		298.42
		<hr/>
Balance.....		\$1.58
Horses and care of same.....		\$425.00
Disbursements.....		408.23
		<hr/>
Balance.....		\$16.77
Offences for which complaints have been made in Court.....		190

MISCELLANEOUS REPORT

Accidents reported.....	10
Arrests for out of town officers.....	8
Articles found and returned to owners.....	3
Autos stopped and warned.....	38
Board of Health notices served.....	12
Boys throwing stones in streets warned.....	6
Boys throwing ball in streets warned.....	3
Buildings and houses specially protected.....	3
Cases and complaints investigated.....	98
Cats disposed of.....	4
Defects in streets reported.....	17
Defects in sidewalks reported.....	3
Disturbances suppressed.....	6
Dogs found.....	4
Dogs killed.....	2

Doors and windows found unlocked and secured	33
Electric and telephone wires burning trees	17
Electric and telephone wires reported down	7
Fire alarms attended by officers	51
Fire alarms given by officers	1
Fires discovered by officers	1
Gas leaks reported	2
Horses found roaming and taken care of	2
Incandescent lights reported out	136
Insane committed	10
Investigation of jurymen	172
Lost children found and returned home	4
Letters delivered for City Clerk	1,582
Leaks in water pipes reported	6
Lanterns hung in dangerous places	33
Miscellaneous letters, telegrams, etc., delivered by officers	48
Obstructions removed from streets	16
Persons assisted home	20
Pulmotor used	5
Runaway horses stopped	2
Street signs reported down	4
Summonses served	32
Special messages delivered by patrolmen	4
Stray dogs brought to station	6
Trees reported down	3
Value of property recovered and returned	\$435
Duty calls by officers from boxes, Jan. 1, 1914 to Jan. 1, 1915	34,200
Telephone calls from boxes Jan. 1, 1914 to Jan. 1, 1915	3,058
Ambulance calls from boxes Jan. 1, 1914 to Jan. 1, 1915	6
Wagon calls from boxes Jan. 1, 1914 to Jan. 1, 1915	49
Ambulance calls from other sources	170

Respectfully submitted,

GEORGE E. KERR,
Chief of Police

Report of the Board of Control

March 11, 1915.

*To the Honorable Mayor and Board of Aldermen,
City of Melrose.*

Gentlemen:—The Board of Control herewith submits its annual report for the year ending December 31, 1914.

Permits to peddle in Melrose were granted to 27 peddlers. Of this number 9 lived in Melrose and 18 were non-residents. Permits were granted to non-residents only when they had a state license. Badges were furnished for each peddler and each helper.

The receipts of the department, exclusive of the amount paid the City Treasurer for state licenses, amounted to \$24.75, which with the appropriation of \$25.00 made a total of \$49.75. The expenditures of the department amounted to \$29.25.

Respectfully submitted,

GEORGE E. KERR, *Chairman*

CHARLES E. MERRILL,

CLARENCE P. HOLDEN,

Board of Control.

Report of the Fire Department

January 1, 1915

To the Honorable Mayor and Board of Aldermen,

Gentlemen:—I respectfully submit the Annual Report of the Fire Department for the year ending December 31, 1914.

The Organization consists of four companies as follows:—

Engine Company, No. 1; Hook and Ladder Company, No. 1; Combination A Company (Auto, Hose and Chemical); Hose Company, No. 4.

PERMANENT FORCE

2 Captains, 1 Lieutenant, 1 Chauffeur, 1 Engineman, 5 Drivers.

CALL FORCE

Chief Engineer, First and Second Assistant Engineers, 32 Hose and Ladder Men.

APPARATUS

1 Steam Fire Engine, 2 Auto Combinations (Chemical and Hose), 1 Chief's Auto, 2 Hose Wagons, 3 Pungs, 8 Hand Chemical Extinguishers.

HORSES

8 Horses in the Department.

HOSE

There is 6,450 feet of hose in good condition and 450 feet in poor condition. 2,000 feet of new hose was purchased the past year at a cost of \$1,274, or 65 cents per foot, 5% discount for cash.

FIRES

The Department has answered 75 bell alarms and 164 telephone and other calls for fires during the year with the following results:—

In buildings and contents that were valued at \$163,100.00 the fire loss was	\$25,775.15
Insurance on buildings and contents endangered by fire	\$143,550.00
Insurance paid on buildings and contents endangered by fire	24,675.51

FIRE STATIONS

The fire stations are in good repair with the exception of the station at the Highlands. Hose No. 4 House was shingled, also the main roof of the Highlands House, during the past year.

PERSONAL PROPERTY

Value of Personal Property of the Department is \$24,587.80

RECOMMENDATIONS

I respectfully recommend the motorizing of the Fire Department, which in my opinion can be done without any more annual expense to the City. What it now costs for the care of the eight horses in the service would pay the running expense, also the interest on the purchase price of the autos, and the City would benefit by the added efficiency of the Department.

Yours respectfully,

JOSEPH EDWARDS,
Chief Engineer.

Report of the Park Commissioners

To the Honorable, the Mayor and Board of Aldermen of the City of Melrose:

Gentlemen:—The Fifth Annual Report of the Board of Park Commissioners is herewith presented. In the pages following you will find a detailed account of the appropriations and expenditures for the maintenance of existing parks and park areas, the expenditures connected with the erection of the shelter on the knoll at Ell Pond, and the maintenance of the bathing facilities at Ell Pond.

Appropriations and expenditures in different park accounts:

Appropriations 1914

Total Appropriation		\$2,100.00
Divided as follows:		
Parks, General Administration:		
Salaries and Wages	\$50.00	
Other Expenses	100.00	
Parks and Gardens:		
Salaries and Wages	650.00	
Improvements and additions	400.00	
Other Expenses	175.00	
Playgrounds:		
Salaries and Wages	50.00	
Improvements and Additions	250.00	
Other Expenses	25.00	
Bathhouses and Beaches:		
Salaries and Wages	350.00	
Improvements and Additions	25.00	
Other Expenses	25.00	\$2,100.00

Expenditures.

Parks, General Administration, Salaries and Wages:		
Appropriation	\$50.00	
Expended:		
Salary of Clerk to Jan. 1914	\$50.00	
Parks, General Administration, Other Expenses		
Appropriation	\$100.00	
Expended:		
Damon Co., Printing and Stationery	\$7.70	
Postage	13.46	
Perry & Marston, Keys	1.50	
Sheldon & Clark, Photos and Cuts	7.00	
Melrose Free Press	2.00	
Sinnott Bros.	1.55	
Smith Bros. ....	.15	
Postage .....	.93	
Keystone Press	26.39	
Public Works Dept.	39.32	\$100.00

CITY OF MELROSE

Parks and Gardens, Salaries and Wages:

Balance from 1913.....		\$136.53	
Appropriation.....		650.00	
Transfers from Various Accounts.....		88.62	
		<u>\$875.15</u>	

Expended:

Pay Roll 1914.....	\$387.31		
Caretaker.....	400.00		
Police.....	79.40	866.71	\$8.44

Parks and Gardens, Improvements and Additions:

Appropriation.....	\$400.00		
Transfer to.....	31.95		
	<u>\$431.95</u>		

Expended:

Boston & Maine Railroad, Freight.....	\$3.42		
Harlan P. Kelsey, Shrubs.....	98.44		
Deering Lumber Co., Lumber.....	20.33		
Frank E. Coyle, Material, Hardware.....	5.25		
Walter Sandilands, Carpentering.....	67.00		
Thomas E. Mollins, Labor.....	8.25		
Pay Roll.....	4.50		
Ames Plow Co., Settees.....	40.56		
E. G. Simmons, Boat.....	28.00		
Eastman's Express.....	2.00		
Perry & Marston, Hardware, etc.....	10.50		
Hoffman & Son, Labor and Material.....	43.70		
Public Works Dept., Ashes.....	100.00	\$431.93	

Parks and Gardens, Other Expenses.....

Appropriation.....	\$175.00		
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Expended:

George DeCost, Gypsy Moths.....	\$52.00		
E. W. Mansfield, Paints.....	11.47		
Hoffman & Son., Material.....	15.35		
Deering Lumber Co.....	12.38		
Boston & Maine Railroad, Cinders.....	15.00		
Malden Electric Co., Light.....	1.00		
Harry Robertson, Lowering Top Mast (twice).....	10.00		
Perry & Marston, Material.....	6.60		
Frank E. Coyle, Hardware.....	9.08		
Harrington & Co., Rope.....	4.81		
Brock Bros., Plumbing.....	2.68		
American Express Co., Express on Rope.....	.27		
Casey Florist Co., Plants.....	6.50		
Melrose Free Press, Advertising.....	1.00		
J. A. Dill, Use of Chairs, etc., Concerts.....	5.94		
C. A. Moody, use of Boats.....	1.00		
Wing Electric Co., Sharpening Lawn Mower.....	1.00		
W. Sandilands, Carpentering.....	17.60		
Balance to P. & G. Salaries and Wages.....	1.32	\$175.00	

Playgrounds, Salaries and Wages:

Appropriation.....	\$50.00		
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Expended:

Pay Roll for Labor.....	\$32.63		
Pay Roll for Caretaker.....	17.37	\$50.00	

REPORT OF PARK COMMISSION

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Playgrounds, Improvements and Additions:

Appropriation.....		\$250.00
Expended:		
A. Drinkwater, Skating Rink on Common.....	\$25.00	
Boston & Maine Railroad, Cinders.....	15.00	
C. L. Hoffman & Son, Loam.....	90.30	
Pay Roll for labor.....	9.00	
W. Sandilands, Work on Bleachers.....	16.25	
Transferred to P. & G. Improvements.....	31.95	
Transferred to P. & G. Salaries and Wages.....	62.50	\$250.00
	\$	

Playgrounds, Other Expenses:

Appropriation.....		\$25.00
Expended:.....		
Benson Coal Co., Sand.....	\$5.00	
Transferred to P. & G. Salaries and Wages.....	20.00	\$25.00

Bathhouse and Beaches, Salaries and Wages

Appropriations.....		\$350.00
Expended:		
Paid for Caretakers as per Pay Roll.....	\$350.00	\$350.00

Bathhouses and Beaches, Improvements :

Appropriation.....		\$25.00
Expended:		
H. M. Ripley, First Aid Set.....	1.45	
E. W. Mansfield, Paints.....	5.13	
C. L. Hoffman & Son, Loam and Labor.....	15.00	
W. A. Jefts, Water Cooler.....	1.50	
Transferred to P. & G. Salaries and Wages.....	1.92	\$25.00

Bathhouses and Beaches, Other Expenses....

Appropriation.....		\$25.00
Expended:		
Deering Lumber Co.....	2.24	
H. L. Low, Electric Lights at Bathhouse.....	19.00	
Malden Electric Co., Lighting.....	.88	
Transferred to P. & G. Salaries and Wages.....	2.88	\$25.00

Ell Pond Acquiring Land:

Balance.....		\$375.75
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Improvement of Land, Benson's Ice Houses:

Balance.....		.27
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Shelter:

Appropriation.....		\$1,400.00
Expended:		
George F. Newton, Plans.....	\$25.00	
Charles E. Moss, Blue Prints.....	4.47	
Ludivici-Celadon Co., Tiles.....	274.00	
Melrose Free Press, Advertising.....	2.00	
Walter Sandilands, Carpentering.....	563.00	
Simpson Bros. Cor., Concrete Work.....	527.00	\$1,395.47
Balance.....		\$4.53

Illustrations

In connection with this report, you will find at the beginning of the book an insert showing the plan of Ell Pond Park as proposed by Harlan P. Kelsey, landscape architect, in 1912. It is along the line laid down by this plan that the Board of Park Commissioners is conducting the development from year to year.

In addition, you will find two photographs of the new shelter recently completed at the knoll in Ell Pond Park, and a picture of the Ell Pond Embankment extending along Main Street. These illustrations will convey an idea of how the park areas are beginning to show the finished appearance which will come with the completion of the plans as outlined.

Ell Pond Park

As much progress as was possible with the limited appropriation has been made in this area during the past year. Sixteen electric lights have been installed, the steps leading from the knoll westerly have been completed, concrete landings laid, additional swings have been provided in the playground attached, the bath house and buildings adjoining have been painted and kept in a thorough state of repair. Electric lights have been installed in the bath house. Grading, in accordance with the original plans, has been continued.

Band Concerts

Through the continued courtesy of one of our fellow-citizens, Mr. John C. F. Slayton, eight band concerts have been rendered during the past summer. Four of these concerts were provided by Mr. Slayton and four by the Metropolitan Park Commission, all given under the direction of the Metropolitan Park Commission, to whom was granted the use of the park. A much larger attendance was noticed at each concert this year than the preceding year, and the added attractions of the park are becoming more and more known to the citizens. Mr. Slayton has also presented to the city, through the Park Commission a very attractive float, from which band concerts have been given on several occasions.

The approach to Crystal Street through the park has not been constructed, and it is to this improvement that the commission wishes to call your particular attention. If such appropriation could be made for the construction of this approach, with a bridge spanning the brook it would save some ten minutes' walk in reaching the knoll, and its attractions, and also the bathing beach to those coming from Main Street. The grading has been done with this in view and should be continued until the project is completed.

Ell Pond Bath House

During the fifth season, under the supervision of the Park Commissioners, the Ell Pond Bath House provided for citizens to the number

of 11,637, which attendance was divided: women and girls, 4,162; men and boys, 7,475. Constant care and attention has been provided by two attendants, a new boat for rescue purposes has been purchased, and it is a pleasing fact that no fatality has occurred.

On three occasions the attendants have rendered assistance which prevented fatality, and for such service, on July 16th and August 1st and August 17th, Mr. Allison and his assistants are to be commended. The house has been placed in better condition than ever before, and it is hoped that the facilities will be used by still greater numbers next year.

Ell Pond Embankment

No additional improvement has been made upon this embankment, but during the year it is planned to erect a series of shelters and place permanent seats, to complete the steps leading to the lower walk, and the guard rail across the entire front of the wall. Shade trees and shrubs should be placed in position so that next season would make this particular portion of the park one of the most attractive.

The Common, Sewall's Woods Park and Other Areas

On the Common, the benches and band stand have been repaired and painted, new sand boxes for the children have been installed, numerous new iron seats have been purchased and placed in position. The Commission has endeavored to control and regulate the use of the playgrounds and swings as much as possible. Permits have been granted for the bonfire on July 4th, for numerous ball games and lawn parties, and with improvements in contemplation for the next year, it is expected that this area will be made more attractive, and the Commission encourages its use by citizens for rest and recreation.

No particular improvement has been attempted in Sewall's Woods Park and the other small areas, with the exception of proper maintenance in caring for the trees and grass plots. During this last fall, it is regretted that the renewed appearance of the gypsy and brown-tail moths caused apprehension and considerable expense. It is plain that the work to suppress these destructive pests will have to be continued on a larger scale this year than before.

School Gardens

The Commission again this year granted the use of land sufficient for the School Garden under the direction of Mrs. Annie L. Woodman.

Shelter at Ell Pond Park

By reference to the illustration, it will be seen that the completion of this shelter and band stand have added a most attractive feature to this area. Contracts were made for its construction and completion was accomplished in September. The Commission has determined that

whatever improvements are made will be of such a permanent character that the cost of maintenance will be minimized. Since the completion of the shelter the attendants report a much larger use of the Park during the summer afternoons, and with the new project already suggested, it is expected that the knoll will become a more and more popular resort for our citizens.

Proposed Improvements and Recommendations

It is desired that the original plan adopted by the Commission in 1912 should eventually be carried out. The work already accomplished on the knoll and Ell Pond Embankment begin to show the attractions and advantages of this carefully-thought-out development, and to this end the Board recommends an appropriation of the sum of \$5,000 for the construction of the bridge, walks, seats, installation of water and numerous smaller improvements and the approaches from Crystal Street and in addition, the following estimate for the care and maintenance of parks, playgrounds, etc.

Parks, General Administration:

Salaries and Wages.....	\$50.00
Other Expenses.....	100.00

Parks and Gardens:

Salaries and Wages.....	650.00
Improvements and Additions.....	600.00
Other Expenses.....	175.00

Playgrounds:

Salaries and Wages.....	50.00
Improvements and Additions.....	350.00
Other Expenses.....	25.00

Bathhouses and Beaches:

Salaries and Wages.....	350.00
Improvements and Additions.....	25.00
Other Expenses.....	25.00

\$2,400.00

Respectfully submitted,

CLARENCE T. FERNALD, *Chairman*
 ADDISON L. WINSHIP,
 GEORGE J. FOSTER,
 ROBERT A. PERKINS,
 HARRY N. VAUGHN,

Melrose, Mass., December 31, 1914.

Report of Trustees of Pine Banks Park

Melrose, Mass., January 30, 1915

To His Honor the Mayor and the City Council of City of Melrose, Mass.

Gentlemen:—A review of the work of the year 1914 shows but little change from the ordinary routine but we can safely state that at no time has the Park been so extensively patronized as during the past year. The playgrounds on the north section have been in constant use during the summer months by the young people of both cities and the main park has proved a most attractive pleasure spot for old and young throughout the year while on holidays in midsummer over one thousand persons in a single day have availed themselves of the shelter of the cool and restful groves.

One of the principal attractions has been our little Zoo which is growing each year. We have at present a collection of gray squirrels, three red foxes, one racoon, one lamb, a beautiful young deer, guinea hens, ducks, geese, a large collection of pigeons, all the rabbits we can care for, one owl, known as the "Judge," and our last arrival, "Teddie," the bear.

The Trustees feel that many of our citizens do not appreciate the large and beautiful park, teeming with natural beauties, pleasant walks driveways, groves, pools and crags and all right at our doorways.

At the eastern extremity of Mt. Ephraim (a portion of the park least visited) a most magnificent view may be obtained of the ocean and harbor as well as adjoining cities and towns. If a small stone observatory could be built at this point it would open up this portion of the park at once but we fear the chances of such an improvement to be most remote unless some public-spirited citizen could be found willing to fill a niche in the local Hall of Fame by presenting such a building.

While the ravages of the Gypsy and Brown Tail moths are less in evidence, the fact that since the advent of these pests we have lost nearly fifteen hundred of our finest trees is proof positive that eternal vigilance is our only reliable safeguard.

The old log cabin is as popular as ever and the warm glow of the great log fire has lit up many happy gatherings during the long winter evenings.

Our Superintendent, Mr. Cray, has continued his good work and by his efficiency and zeal proven to be the right man in the right place.

The advice and assistance of Mr. F. W. Rain, State Forester, in the extermination of the moths is duly appreciated.

For several years we have asked from each city an appropriation of fifteen hundred dollars. Last year on account of extra expenses we were allowed \$1,600. Having in mind the necessity of great economy in both municipalities, we have decided to ask for only fifteen hundred dollars

from each city, to include expense of Gypsy and Brown Tail moths. We realize that this will mean a most economical administration of our affairs the coming year, but taking all things into consideration, do not feel justified in asking for more.

Respectfully submitted,

HARRY E. CONVERSE,

EDWARD E. BABB,

CHARLES M. COX,

WM. D. SERRAT,

GEORGE LOUIS RICHARDS (*authorized*)

JOHN B. ROBBINS, *Acting Mayor*.

Report of Planning Board

January 18, 1915

To His Honor the Mayor, and the Board of Aldermen of the City of Melrose.

The Planning Board beg leave to submit the following report and recommendations concerning playgrounds.

It is hardly necessary to point out the distinction between a park and a playground. A portion of a park may well be set apart for a playground, but a playground should never be restricted to park purposes. As its name indicates, it is a place where children are given a chance to exercise one of the natural rights of childhood, a place to do for their bodies what the school does for their minds.

Playgrounds are primarily intended to meet the needs of little children, and therefore must not be confounded with athletic fields for competitive sports. To fully meet the needs of the community, they should be numerous, properly distributed to meet the present and future needs of the population, and not necessarily of large area.

The natural relation between the playground and the school suggests their close neighborhood wherever practicable. With these general conditions in mind, your Planning Board has studied the present population and probable growth of Melrose that it might suggest such developments as would ultimately meet the need of the entire City.

First of all, it must be remembered that park areas immediately adjacent to our borders, and the certainty that portions of these will become playgrounds, simplifies our problems, and reduces it to terms of the centre of the City. Our system should ultimately provide for permanent play areas, properly equipped, within easy reach of all homes: and the greater the present and prospective congestion of any section, the more imperative the need of a playground. It has already been suggested that, so far as possible, these should be established in close proximity to the various schools. This relation has had fortunate recognition in the work already done.

The playground adjacent to the Lincoln School is sufficient and so well located as to permanently take care of that section.

There should be a playground near the Washington School, and the vacant land across Potter Street would be ideal for that purpose.

The Winthrop School is so near the Common, and surrounded by so much open territory, that the need in that neighborhood is remote.

Ell Pond Park, Messenger's Meadows, and the land behind the Franklin School, will be adequate for the need of the Highlands and for a large part of the west side of the city for many years to come.

This leaves the centre of the city, the district of greatest present and future congestion, unprovided for. Here we have fortunately, one or two plots of land well situated, and requiring little outlay for their develop-

ment. A minimum expenditure will convert a portion of the Dix's Pond area, back of the City Hall and Memorial building, into a central playground, with the natural embankment surrounding it, a small amount of flooding will make it safe and desirable in the winter for the smaller children, to whom Ell Pond is at once a temptation and a menace.

The site of the disused Horace Mann schoolhouse is exactly the right location for another playground, opposite a school containing a large number of small children, and in a district sure to become more and more congested, and less and less likely, as time goes on, to contain vacant lots such as are now used by the children of the neighborhood.

The present building is obsolete, not likely to be needed for any future development of our school system, unsuited for business purposes, so far out of repair as to be most expensive to restore to a usable condition, and at present a grave fire hazard to surrounding property, and still worse, a moral hazard to the entire city.

In view of this study of the situation, and the facts and conditions above outlines, your Commission recommend:—

(1) That a suitable appropriation be made to grade and soil the Dix's Pond lot, and make it immediately available for playground purposes.

(2) That bids be invited for the purchase and removal of the old Horace Mann schoolhouse, and that the proceeds of such a sale, together with such other sums as may be appropriated, be used to grade and prepare this lot for playground purposes.

We believe that these two developments are immediately necessary, and can be secured at a slight expense compared with the benefits which will accrue to the children of our city.

Respectfully submitted,

JOHN C. F. SLAYTON, *Chairman.*

HENRY M. RIPLEY,

VICTOR A. FRIEND,

HAROLD MARSHALL,

DENNIS W. FITZPATRICK,

E. GERTRUDE COPELAND,

SETH K. AMES,

AGNES L. DODGE,

By LOUISA S. HUNT, *Secretary*

Report of the Public Library Trustees

To His Honor, the Mayor, Charles H. Adams and the Honorable Board of Aldermen.

Gentlemen:—The Trustees of the Melrose Public Library present their report for the year 1914, being the fourteenth annual report to the City, and the fourty-fourth since the establishment of the library.

Statistics for the year give the number of volumes on January 1st as 18,091. Of this number 981 were added by purchase, 107 transferred from the Duplicate Collection, and 38 are volumes of periodicals bound. 68 books have been discarded, making the year's increase 1052.

75,354 books have been issued, 72% to adults, 28% juvenile, representing in proportion to the size of the library and number of inhabitants in the city, a circulation far larger than that of any similar library in Eastern Massachusetts with one exception. That our people use the library very freely is conclusively proved from this large circulation, and the fact that during the year we have had to replace with new copies, 511 books and to re-bind 967. The wear and injury incident to constant handling increases with the growing call for books, and the demand will swell with the extension work which we have already undertaken, and that which we hope to accomplish. The branch or deposit station established last year in the southeastern section of the city, the Swain's Pond District, has been most successful, 3,033 books having been issued there. It has been carried on practically without expense to the city, a room having been assigned for its accommodation, while attendance has been by volunteer assistants. 431 books have been loaned to a Sunday School at the Highlands. Another station is greatly needed there. It seems an unwise and short-sighted policy to cripple this important educational work by a persistent cutting down of the money supply necessary for carrying it on.

The Duplicate Pay Collection has been continued with practically the same record of patronage. It is now a well established part of our methods; a convenience to patrons, a help in the fiction supply.

The Children's Department also shows gain in attendance and the number of school pupils coming to the library for help in their studies. This is encouraging in view of the strong counter attractions of the moving pictures, always so alluring to young people.

The reading and reference room is always well filled. Figures and results in this department of the library must necessarily be unrecorded, but the use of reference books implies study, research, acquisition of knowledge, a real gain in the educational status of the community.

One bulletin of 634 titles, and covering twelve months has been printed. The books number 177 in the juvenile department, 171 fiction, and the rest in the eleven departments and sub-department of non-fiction. Lists of books are printed frequently in the local newspaper, before being collected for the annual bulletin; but the only complete list of the contents

of the library will be found in the card catalogue. Attendants are always ready to assist persons not familiar with it in the use of this official list. The new books are placed on shelves easily conspicuous in the main library room and can be examined before being taken out.

The selection of fiction for a public library is most difficult, because so much that is suggestive or subtly immoral is published in all directions. In other days the names of certain well-known publishers were a guarantee of the desirableness of books bearing the imprint of the firm. Unfortunately that cannot be said in these times. There have apparently been radical changes in standpoints, making it difficult to steer a clear course between old fogysm and progress, "keeping up to the times," to quote from the report of a neighboring library, "The pendulum has swung so far in the direction of objectionable literature that a reaction is sure to come. Public taste and public opinion still hang the balance on the side of the decent, and in the long run the public may be trusted. The sober reading public still prefers clean books."

The historical room has been used by the Equal Suffrage League, the Anti-Suffrage Club, the Melrose Horticultural and Improvement Society, and other organizations interested in civic or educational work. The Mary A. Livermore Art Room has also been used for the meetings of a class in art. The collection of pictures is in process of being catalogued, through the generous assistance of Miss Charles, which will make it more available for popular use. An acquaintance with the best works of the world in art, elevates the standard of taste; surely a desirable thing for any community in this age of commercialism.

Eleven meetings of the Board of Trustees have been held. There has been no change in library methods and none in the library staff, who have discharged their duties with faithfulness and efficiency. Although our circulation is so large the work is done by a smaller number of employees, with no higher salaries than any other library of its class.

The library will require for the administration of its affairs in 1915 the following amount of money.

For Salaries.....	\$2,935.00
For Books.....	1,500.00
For Binding.....	500.00
For Fuel and Lights.....	600.00
For Building and Janitor's Supplies	300.00
For Sundries.....	300.00
	<hr/> \$6,135.00

This amount is larger than has been previously asked for but it is not a dollar more than is absolutely needed if the work of the library is to continue, even on a conservative basis.

DONATIONS—BOOKS

Acts and Resolves of Mass.....	State
Annual Report of Commissioner of Education.....	State
Annual Report of City of Melrose.....	City
Annual Report of Metropolitan Water Board.....	State

LIBRARY REPORT

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Cranford.....	Friend
Edwin Booth.....	"
In His Steps.....	"
Panama and the Canal in Picture and Prose.....	"
Story of Jesus Christ.....	"
Success in Music and How it is Won.....	"
Things Seen in Spain.....	"
Georgia Landmarks, Memorial and Legends.....	L. L. Knight
Holy Gospel, Protestant and Catholic.....	F. J. Firth
International Anti-Vivisection.....	Anti-Vivisection Society
Journal of the 48th Encampment Dept. Mass. G. A. R.....	
Official Opinions of Attorney-General of Mass.....	State
Old Records of the Town of Fitchburg.....	W. A. Davis
Mass. Society of the Sons of the Am. Revolution.....	Sons of Am. Revolution
Railway Library.....	S. Thompson
Reminiscences, Sermons and Correspondence.....	A. E. Stetson
Report of Thirty-ninth Regiment Mass. Volunteers.....	State

PRESENTED

Framed Photographs.....	Mr. John C. F. Slayton
Flowering Plants.....	Casey Florist Co.

STATISTICS—1914

Number of volumes in the library Jan. 1, 1914.....	17,039
Increase by purchase.....	981
Increase by binding periodicals.....	32
Transferred from Duplicate Pay Collection.....	107
	1,120
	18,159
Number of volumes worn out.....	68
Number of volumes in the library Jan. 1, 1915.....	18,091
Number of cards issued in 1914.....	1,936
Number of teachers' cards issued in 1914.....	25
Number of students' cards issued in 1914.....	457
Number of volumes rebound.....	967
Number of volumes replaced.....	511

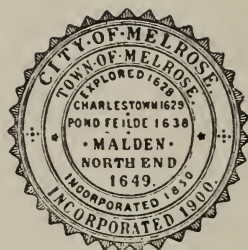
CIRCULATION

Number of days library was open.....	298
Average daily circulation.....	255
Largest daily circulation.....	438
Smallest daily circulation (stormy).....	85
Largest monthly circulation.....	7,091
Smallest monthly circulation.....	5,145
New names registered during the year.....	
Number of volumes delivered for home use.....	72,321
Volumes delivered for home use at Swain's Pond Branch.....	3,033
Highland Sunday School Circulation.....	439
Total number of books issued in 1914.....	75,793

Respectfully submitted for the Trustees by the Secretary
ANNA T. BUSH.

EDWARD M. MUNYAN, *Chairman.*
NEIL A. DIVVER,
PAUL STERLING,
WILLIAM S. ATWOOD, } *Trustees.*
MARY L. CHARLES,
ANNA T. BUSH.

Fifteenth Annual Report
OF THE
Public Works Department



GEORGE O. W. SERVIS
Engineer and Superintendent

CITY OF MELROSE
1914

ORGANIZATION

1914

HON. OLIVER B. MUNROE,
Mayor

George O. W. Servis
Engineer and Superintendent

Emma L. Leighton, *Stenographer*
Blanche E. Nickerson, *Asst. Stenographer.*

William H. Martin,
Bookkeeper.

A. J. Waghorne,
Assistant in Charge Sewers and Drains

James McTiernan,
Assistant in Charge Water Division.

Walter J. Lord,
Assistant in Charge Highways.

Engineering Division.

Charles F. Woodward, *Assistant.*
Elmer O. Pray, *Transitman.*

John Dyer, *Transitman.*
A. Kenneth Prior, *Rodman.*

Public Work's Department

To His Honor the Mayor and the Board of Aldermen:—

Gentlemen:—In accordance with the City Ordinance I have the honor to submit herewith the Fifteenth Annual Report of the Public Works Department of the City of Melrose for the fiscal year ending December 31, 1914.

This Department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street signs and house numbering, street cleaning, collection of ashes, and all work connected with the sewer, surface drainage and water systems, all engineering work relating to the above and Wyoming Cemetery, care of City Hall and Memorial Building, and the placing of insurance on City property.

PUBLIC WORKS OFFICE.

Contracts have been made for tar concrete and granolithic sidewalks, edgestone, sodding, sewer pipe, water pipe, etc. Minimum rate and excess water bills and summonses have been made and delivered. Sewer connections, water services and individual sidewalks have been estimated and billed. Estimates have been made for the Board of Aldermen and Committees as requested. Sidewalk assessments, sewer assessments and apportionments, betterment assessments and street watering assessments have been made.

All engagements of City Auditorium and Memorial Hall have been booked and bills rendered, and insurance placed on all City property. 361 permits have been given to open and occupy public streets.

Salaries and Wages

Appropriation.....	\$2,800.00	
From Water Maintenance.....	597.75	\$3,397.75
<hr/>		
Expended:		
Salary, Eng. and Supt. Public Works.....	\$2,000.00	
Clerical Services, General Office.....	650.00	
“ “ Water Maintenance.....	597.75	3,247.75
		<hr/>
Treasury Balance.....		\$150.00
Superintendent of Divisions, Bookkeeper and Timekeeper charged to various classes of work.		

Other Expenses.

Appropriation	\$650.00
Expended:	
Sundries	\$39.75
Printing, stamps and stationery	165.39
Printing Annual Report	35.52
Telephone	28.18
Use of Automobile	381.06
	<hr/>
	\$650.00

WATER DIVISION.**Distribution Mains—Extension.**

2,890 feet of new mains have been laid during the year, including hydrant branches, making a total length in the City of approximately fifty-three and eighty-six one hundredths (53.86) miles.

1,747 feet of cement pipe have been replaced with cast iron pipe, and 200 feet of damaged iron pipe have been replaced.

82 new services have been laid during the year and 5 abandoned, making a total in use of 3,914.

6 additional fire hydrants have been placed, the total now in service being 354 maintained by this department.

20 water gates have been added to the system, making a total of 590.

Water Meters.

Ninety-six (96) meters have been installed during the year, making a total of four thousand one hundred and thirty-one (4131) in use December 31, 1914.

Maintenance and Operation.

The entire system of mains, services, hydrants, water-meters, etc., has had careful attention, and the necessary repairs and changes have been made. Following are some of the items:—

- 7 breaks in cement pipe repaired.
- 19 joints in iron pipe repaired.
- 48 service leaks in street repaired.
- 23 services in street cleaned.
- 26 services in private premises cleaned.
- 134 services in street renewed with lead.
- 83 services in private premises renewed with lead.
- 5 gates repacked.

Hydrants have been oiled, repaired, painted and kept free from snow and ice. The table of Relay gives length, size, etc., of cast iron pipe used to replace defective or small cement pipe.

There still remain about twelve (12) miles of cement pipe that should be replaced by cast iron as soon as possible, and the East Side Twelve-inch Belt Line should be completed from Larrabee Street to Main street at Wyoming avenue.

TOTAL PIPEAGE OF THE CITY.

Number of feet	$\frac{3}{4}$ inch pipe	1,363
" " " 1	" "	1,850
" " " $1\frac{1}{2}$	" "	375
" " " 2	" "	5,948
" " " 4	" "	56,722
" " " 6	" "	142,825
" " " 8	" "	25,147
" " " 10	" "	19,846
" " " 12	" "	22,156
" " " 14	" "	2,920
" " " 16	" "	5,223
Total.....		284,375

Length of cast iron pipe, 220,959 feet or 41.86 miles.

" " cement pipe, 63,416 " " 12.00 "

Total.....	53.86	"
Number of services in use.....	3,914	
" " meters.....	4,131	
" " fire hydrants.....	354	
" " gates on mains.....	590	
" " standpipes for street sprinkling	35	
" " watering troughs.....	4	
" " ornamental fountains.....	2	
" " drinking fountains.....	1	
" " fire services.....	18	

WATER ASSESSMENTS AND CONSUMPTION.

The annual assessments paid by this City as its proportionate part of the cost and operation of the Metropolitan Water Works, are given below:—

Year	Sinking Fund	Interest	Maintenance	Maturing Serial Bonds	Total
1898.....	No Division				\$3,332.94
1899.....	No Division..				4,921.63
1900.....	No. Division				6,740.49
1901.....	\$2,758.43	\$7,130.58	\$2,657.31		12,546.32
1902.....	4,398.83	7,038.98	2,997.12		14,434.93
1903.....	3,630.11	11,243.27	2,941.96		17,815.34
1904.....	3,730.13	12,492.25	3,500.35		19,722.73
1905.....	4,829.71	12,558.36	3,090.46		20,478.53
1906.....	5,802.58	14,905.91	4,521.60		25,230.09
1907.....	6,433.77	15,748.61	4,788.81		26,971.19
1908.....	6,564.43	18,112.32	4,018.30		28,693.90
1909.....	5,405.19	14,495.42	4,622.77		24,523.38
1910.....	4,464.87	11,925.83	3,250.21		19,640.91
1911.....	4,683.16	12,866.12	3,605.47	\$45.83	21,200.58
1912.....	4,699.42	13,098.79	3,094.25	85.55	20,978.01
1913.....	4,862.03	13,691.71	4,035.19	95.93	22,684.86
1914.....	2,921.81	15,058.68	4,630.24	37.19	22,647.92

The daily per capita consumption of water in Melrose, as recorded by the Venturi meters, operated by the Metropolitan Water Works, is shown below by months for the years 1907 to 1914 inclusive.

	1907	1908	1909	1910	1911	1912	1913	1914
January.....	113	105	61	57	59	65	64	55
February.....	125	102	61	59	60	83	67	57
March.....	117	93	58	59	59	77	67	53
April.....	110	94	60	61	60	71	71	49
May.....	111	99	64	65	68	74	75	57
June.....	121	111	71	66	65	84	80	65
July.....	122	106	71	65	71	79	82	56
August.....	131	84	66	71	61	64	75	53
September.....	117	85	63	65	65	62	72	56
October.....	116	72	61	66	66	57	58	54
November.....	113	64	60	61	62	60	56	52
December.....	116	61	55	61	62	57	54	54

This district, in order of daily per capita consumption, beginning with the lowest, stands as follows:—

Average for year.			
1. Milton	40 gallons	10. Watertown	68 gallons
2. Malden	46 "	11. Everett	70 "
3. Stoneham	47 "	12. Quincy	72 "
4. Medford	48 "	12. Revere	72 "
5. Melrose	55 "	13. Somerville	73 "
6. Winthrop	61 "	14. Belmont	76 "
7. Swampscott	65 "	15. Chelsea	79 "
8. Arlington	66 "	16. Boston	109 "
9. Lexington	67 "	17. Nahant	119 "

PUBLIC WORKS DEPARTMENT

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WATER DIVISION

Construction

Appropriation.....	\$10,000.00	
Balance Jan. 1, 1914.....	2,367.05	
Stock balance Jan. 1, 1914, meters on hand.....	669.72	\$13,036.77

Expended

Services—Stock.....	\$759.14	
Labor.....	580.97	1,340.11
Meters—Stock.....	\$914.41	
Labor.....	122.74	1,037.15
Main Lines—Stock.....	\$2,037.54	
Labor.....	2,652.33	4,689.87
Improvement to Plant, Swain's Pond Avenue.....	725.40	
Teams.....	782.50	
Tools and Repairs.....	329.63	
Insurance.....	150.25	
Damages paid.....	20.00	
Recording papers.....	2.00	9,076.91
Treasury Balance.....	\$3,491.73	
Meters on hand.....	468.13	\$3,959.81

Inside Services and Charges

Balance Jan. 1, 1914.....	\$289.46	
Collections paid Treasurer.....	2,513.53	\$2,802.99

Expended

For Stock.....	\$1,634.04	
For Labor.....	1,286.94	
	\$2,920.94	
Less due Maintenance for stock.....	117.95	
	\$2,802.99	

Maintenance

Appropriation.....	\$15,000.00	
Stock balance Jan. 1, 1914.....	4,161.38	
Balance from 1913 account.....	159.56	\$19,320.94

CITY OF MELROSE

Expended

Outside Services—Stock.....	\$830.91		
Labor.....	1,763.28	2,594.19	
Relaying Mains—Stock.....	\$460.98		
Labor.....	2,412.91	2,873.89	
Repairing Mains—Stock.....	\$49.96		
Labor.....	479.49	529.45	
Meter Maintenance—Stock.....	\$481.43		
Labor.....	614.60		
Reading.....	1,787.38	2,883.41	
Hydrant Maintenance and Repair:—			
Stock.....	\$46.77.		
Labor.....	302.37	349.14	
General Maintenance:—			
Salaries.....	\$3,298.43		
Less collections for off and on water	134.00	\$3,164.43	
Teams.....		782.50	
Tools and repairing.....		369.85	
Hardware and sundries.....		185.90	
Stamps, stationery, etc.....		191.89	
Telephone service.....		88.12	
Insurance.....		150.25	4,932.94
Ledger balance.....	\$1,063.30		
Stock balance.....	4,094.62		\$5,157.92

Stock Account

Balance on hand Jan. 1, 1914.....		\$4,161.38	
Stock Purchased:—			
Wrought iron pipe and fittings.....	\$127.48		
Cast iron pipe and fittings.....	2,476.13		
Brass pipe and fittings.....	85.65		
Lead pipe and solder.....	187.42		
Castings.....	140.44		
Valves, gates and hydrants.....	1,248.60		
Lumber and wood.....	29.85		
Oil and sundries.....	61.58		
Meter parts.....	461.73		
From other divisions.....	44.57		
One-half rent of yard.....	175.00		
Labor on stock.....	278.72	7,001.17	\$11,162.55
Stock used for maintenance.....	\$1,870.57		
Stock to other accounts.....	5,197.36		7,067.93
Balance on hand.....			\$4,094.62

PUBLIC WORKS DEPARTMENT

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Water Rates

Received by Treasurer:

1910 rates.....	\$82.43
1911 rates.....	189.34
1912 rates.....	260.75
1913 rates.....	6,867.01
1914 rates.....	39,197.15
Summons	128.80
	<u>\$46,725.48</u>

1914 rates as billed \$45,743.56

Cost of System

Construction to January 1, 1914.....	\$443,425.17
Construction 1914.....	9,076.91
Total cost to Jan. 1, 1915.....	<u>\$452,502.08</u>

WATER CONSTRUCTION—1914

LOCATION	Pipe laid		Gates		Hydrants	
	Length in Feet	Size in Inches	No.	Size in Inches	No.	Size in Inches
Argyle St., end of pipe southerly....	60	6				
Arlington St., at Park St.....	119	6	1	6		
Berkeley St. Park St., southerly....	135	6	1	6		
Crystal St. No. 33 to Melrose St....	388	6	1	6		
First St., at Junc. Larrabee St.....			1	6		
E. Foster St. to hydrant at Dell Ave..			1	6		
E. Foster St. at Brook.....			1	6	1	6
Grove St. Swain's Pond Ave., easterly			1	6		
Greenwood St., at hydrant opp. No. 59			1	4		
Holland Rd., end of pipe to Parkway	191	6			1	6
Lebanon St. Sylvan St., northerly...	217	1				
Leonard's Ct., end of pipe southerly..	99	3-4				
Martin St., at end of pipe.....					1	4
Nowell Rd., No. 68 to Morgan St....	221	6	1	6		
Nowell Rd., opp. No. 68.....	3	6	1	6	1	6
Naples Rd. Lebanon St., easterly....	398	6	2	6	1	6
Russell St., at hydrant opp. No. 37...			1	6		
Spear St., at Hydrant opp. No. 11....			1	4		
Swain's Pond Ave., opp. Staples St...			1	6		
Swain's Pond Ave., Towner's to Ice Scales.....	204	6				
Swain's Pond Ave., changing location	13	6	1	6		
Simonds Rd.....	300	6	1	6		
Stevens Rd., connection at Summit..	173	6				
Vinton St., at Hydrant opp. No. 269..			1	6		
Warwick Rd., Perkins St., southerly..	369	6	2	6	1	6
Ryder Ave.....						
Edgemere St.....						
Melrose St., hydrant.....						
Swain's Pond Ave. Improvement to Plant—see Relay.....						
Totals.....	2890		20		6	
Number of New Services.....	88					
Number of New Meters set.....	96					

WATER RELAY—1914

LOCATION	Pipe Laid		Pipe Abandoned		Gates	
	Length Feet	Size Inches	Length Feet	Size Inches	No.	Size
First St.....Jct. Larrabee St....	14	6	14	6	.....	.....
E. Foster St.....Dell Ave. to brook..	689	6	689	6	.....	.....
Grove St.....at Swain's Pd. Ave.	18	8	18	4	1	8
Grove St....." " " "	27	6	27	4	.....	.....
Hancock St..... (Lowered).....	.....	.....	.....	.....	.....	.....
Spear St.....No. 35 to No. 55....	288	6	288	6	.....	.....
Spear St.....No. 11 to No. 35 (Lowered).....	315	6	.....	.....	.....	.....
Staples St.....at Swain's Pd. Ave.	31	6	31	6	.....	.....
Swain's Pd. Ave. Grove St. to Folsom Ave.....	880	8	200	6	.....	.....
Swain's Pd. Ave.....	.....	.....	680	6	1	8
Total.....	1947	.....	1947	.....	.....	.....

HIGHWAY DIVISION.

The Main Street improvement, from the Malden line to Porter Street, commenced in 1913, has been completed with tar macadam from Malden line to Wyoming Avenue; and with Hassam Compressed Concrete from Wyoming Avenue to Grove Street. This pavement laid in 1913 has had one year's use, and is in first class condition.

As the wooden poles on this section of Main Street are to be removed as soon as all wires are underground, a new system of lighting was necessary, plans were made for locations, and the new type of luminous arc lights was adopted and installed, and the lights were turned on by His Honor Mayor Munroe at eight o'clock P.M., Tuesday, September 8, 1914.

The opening of the street and turning on of the lights of the so-called White Way was the occasion of one of the largest parades in the history of the City.

All poles of the Telephone and Telegraph Co. and Malden Electric Co. will be removed when the Fire Alarm and Police Signal Wires are placed underground.

The Malden Electric Co., late in the season, extended their underground conduit from Porter Street to Franklin Square, and will probably extend to Wakefield line the coming season. All underground work should be done, the street railway tracks brought to proper grade, and Main Street paved with permanent pavement from Porter Street to the Wakefield line, making this thoroughfare a first-class modern street.

West Foster Street was improved from Main Street to the Boston & Maine Railroad by surface drainage, edgestones on the northerly side, and the street macadamized (Tarvia Binder).

Waverly Avenue was partly constructed to its full width with gravel

roadway and sidewalk on the easterly side.

Grading and paved gutter work was done on Pine Street and the street will be completed in the spring.

Church Street, Mountain Avenue and Hancock Street and Spear Street from Hancock Street to near Park Street have been constructed—surface drainage, grading, gutters, etc. This work was very difficult on account of ledges and roughness of the locality, and required a large amount of blasting, construction of walls, etc., which was successfully done with city labor. The construction of these streets will tend to build up a very sightly locality with good buildings.

Gutters were paved on the hill sections of Cedar Park and the street reggraded.

The old material from West Foster Street was used on Tremont Street, between Lake Avenue and Lynn Fells Parkway, where the street had settled and was in dangerous condition.

The old material from Main Street was used on Sylvan Street, making a much needed improvement on this the main entrance to Wyoming Cemetery, also on Corey Street and Mystic Avenue.

Highway Repairing

A large amount of repairing was required on the following streets:—Main Street, Porter Street, northerly, Pleasant, Franklin, Vinton, Cleveland, Laurel, Emerson, Myrtle, Park, Porter, Sanford, Sylvan and Tremont Streets, and Linwood Avenue.

A larger appropriation is necessary for highway repairing, as the automobile traffic is causing unusual damage to our streets.

TREES

Carrying forward the tree-planting movement started last year (1913) the Melrose Woman's Club and the Melrose Highlands Woman's Club solicited orders for tree planting, and 432 trees (Norway Maple) were set out. The trees and loam were paid for by the applicant and the labor of setting was done by the City.

The trees set out this year and last year are in fine condition and nearly all have lived. An equal or larger number should be planted each year.

CITY STABLE

Melrose is the only city around Boston which does not have its own City Stable, and I wish to urge the need of some action being taken so that the Public Works Department may have suitable quarters for men, horses and equipment.

SIDEWALKS

There have been 7,415 linear feet of new edgestone set and 190 linear feet of edgestone reset, in connection with which it was necessary to repave 458 linear feet (153 sq. yds.) of gutters.

There have been 3,642 square yards of granolithic, and 818.97 square yards of new tar concrete sidewalks constructed, and under repairs to present walks 3,402.40 square yards three-coat tar concrete, and 4,063.33 square yards one-coat work or top-dressing were renewed.

General Administration

Appropriation.....	\$2,000.00
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Expended

Bookkeeper, part salary.....	\$268.00
Assistant Superintendent.....	1,200.00
Time-keeper, part salary.....	505.48
Labor.....	26.52
	<hr/>
	\$2,000.00

Repairing

Appropriation.....	\$10,500.00
Excise Tax.....	2,325.72
Street Railway Tax.....	2,981.29
Transfers from other accounts.....	1,844.86
	<hr/>
	\$17,651.87

Expended

Minor repairs.....	\$2,140.99
Snow account.....	3,264.58
Blacksmithing.....	622.13
Paving repairs.....	227.23
Ledge work.....	380.73
Guard rail.....	249.96
Tool and expense account.....	541.61
Granite crossing.....	49.19
Street cleaning.....	256.11
Collection ashes and rubbish.....	506.66
Insurance.....	841.94
Damages paid.....	112.00
Recording deeds.....	22.00
Main street.....	122.05
Spear Street.....	505.65
Church St., Mountain Ave and Hancock St.....	356.41
Gravel Sidewalk.....	1,404.11
Street repairs (see following tables).....	6,075.44
	<hr/>
	17,679.29
Deficit.....	<hr/>
	\$27.42

PUBLIC WORKS DEPARTMENT

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Street Repairs by Location

Ashland Street.....	\$2.33	Lynde Street.....	50.00
Bartlett Street.....	60.25	Main Street.....	783.51
Bellevue Avenue.....	42.53	Malvern Street.....	15.13
Brown Street.....	19.28	Melrose Street.....	22.25
Boardman Avenue.....	63.88	Mystic Avenue.....	24.82
Cedar Park.....	140.31	Myrtle Street.....	130.96
Cleveland Street.....	498.29	Morgan Street.....	5.10
Cottage Street.....	88.18	Orris Street.....	18.25
Crystal Street.....	57.98	Park Street.....	138.00
Crescent Avenue.....	5.12	Pleasant Street.....	590.88
Corey Street.....	17.44	Porter Street.....	228.63
Elm Street.....	9.87	Richardson Road.....	11.63
Emerson Street, West.....	113.00	Russell Street.....	90.43
Everett Street.....	11.00	Sanford Street.....	120.41
Foster Street, East.....	58.93	Sylvan Street.....	262.99
Foster Street, West.....	42.96	Tappan Street.....	31.50
Franklin Street.....	215.56	Tremont Street.....	369.89
Green Street.....	34.31	Upham Street.....	55.68
Gooch Street.....	30.13	Vine Street.....	56.50
Howard Street.....	26.63	Vinton Street.....	94.83
Irving Street.....	28.44	Washington Street.....	57.62
Leeds Street.....	91.24	Waverly Avenue.....	779.80
Laurel Street.....	130.47	Wyoming Avenue, East.....	19.26
Linden Road.....	81.86	Wyoming Avenue, West.....	74.76
Linwood Avenue.....	135.62		
Lebanon Street.....	28.00		\$6,075.44

Gravel Sidewalks

Crystal Street.....	\$28.50	School Street.....	64.66
Dell Avenue.....	14.38	Sylvan Street.....	2.00
First Street.....	22.00	Upham Street.....	35.51
Gould Street.....	58.82	Vinton Street.....	24.21
Holland Road.....	47.00	Walton Park.....	82.81
Laurel Street.....	215.87	Washington Street.....	221.39
Lincoln Street.....	11.34	Willow Street.....	24.34
Main Street.....	29.63	Wyoming Avenue, East.....	8.94
Maple Street.....	102.12	Minor repairs.....	306.59
Melrose Street.....	26.70		
Morgan street.....	26.87		\$1,404.11
Perkins Street.....	50.43		

STEAM ROLLER ACCOUNT

102 1-4 days to streets. at \$5.00 per day.....	\$511.25
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Expended

Coal, wood and oil.....	\$203.67	
Supplies and repairs.....	106.82	
New parts.....	10.13	
Teams.....	1.31	
Labor.....	107.96	429.89
Balance to General Maintenance.....		\$81.36

CITY OF MELROSE

CRUSHER ACCOUNT

Stock charged where used.....	\$5,923.08
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Expended

Coal and wood.....	\$528.19
Dust, etc., purchased.....	463.58
Castings and repairs.....	372.27
Supplies.....	483.67
Teams.....	71.80
Labor—crusher and ledge.....	3,381.55
Labor—drilling and blasting.....	522.02

\$5,923.08

600 tons crushed stone on hand.

STABLE ACCOUNT

Teams charged to streets and others.....	\$7,739.58
Teams charged to general maintenance.....	6.39

\$7,745.97

Expended

Hay and grain.....	\$3,247.05
Carts and repair.....	987.49
Harness and repairs.....	292.50
Shoeing, medical attendance, etc.....	745.44
Rent, light, heat, including repairs.....	780.93
Labor.....	1,692.56

\$7,745.97

PAVING REPAIRS

Bellevue Avenue.....	\$12.50
Frances Street.....	77.03
Main Street.....	1.00
Orient Avenue.....	9.56
Porter Street.....	18.66
Wyoming Avenue and Pleasant Street.....	84.36
Wyoming Avenue.....	3.87
Upham Street.....	20.75

\$227.73

SPECIAL APPROPRIATION FOR HORSES

Balance from 1913 account.....	\$132.00
Sale of horse.....	100.00

\$232.00

Expended

Purchase of horse.....	\$225.00	
Transferred to highway repairs.....	7.00	
		<u>\$232.00</u>

Fire Loss

Balance 1913 accouht.....	\$1,321.46
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Expended

Wagon.....	\$60.00	
Street sweeper.....	292.50	
Buggy.....	200.00	
Transferred to Highway repairs.....	768.96	
		<u>\$1,321.46</u>

MAIN STREET IMPROVEMENT

Balance from 1913 account.....	\$9,796.22
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Expended

Grove Street to Wyoming Avenue

Simpson Bros. contract.....	\$2,538.20	
Simpson Bros. reserve 1913 account.....	532.67	
Crushed stone.....	405.00	
Labor and teams.....	3.78	\$3,479.65

Wyoming Avenue to Sylvan Street

Stock and rolling.....	\$4,252.78	
Labor and teams.....	2,681.24	
	<u>\$6,934.02</u>	
Less stock to other accounts.....	\$495.40	
Charged to highway repairs.....	122.05	617.45
		<u>6,316.57</u>
		<u>\$9,796.22</u>

WEST FOSTER MACADAM

Appropriation.....	\$2,700.00
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Expended

Stock.....	\$1,994.18	
Labor and teams.....	1,119.91	
Damages—claim for injury.....	25.00	3,139.09
		<u>440.07</u>
Less stock to other divisions.....		<u>\$2,699.02</u>
Treasury balance.....		\$.98

CITY OF MELROSE

PINE STREET MACADAM

Appropriation.....			\$1,500.00
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Expended

Labor and teams.....	\$1,144.19		
Powder and gravel.....	12.15		
Paving blocks.....	337.73		1,494.07
			<hr/>
Treasury balance.....			\$5.93

CHURCH STREET, MOUNTAIN AVENUE AND HANCOCK STREET

Appropriation.....			\$5,500.00
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Expended

Stock.....	\$960.91		
Labor and teams.....	4,425.89		5,386.80
			<hr/>
Treasury balance.....			\$113.20

SPEAR STREET CONSTRUCTION

Balance 1913 account.....			\$4,748.92
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Expended

Stock.....	\$302.86		
Labor and teams.....	5,170.48	\$5,473.34	
			<hr/>
Less stock to other accounts.....	212.00		
Due highway repairing.....	505.65		
Due sewer construction.....	8.80	726.45	4,746.89
			<hr/>
Treasury balance.....			\$2.03

EAST WYOMING AVENUE

Balance 1913 account.....			\$76.51
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Expended

Stock.....	\$3.25		
Labor and teams.....	73.26		
			<hr/>
			\$76.51

ESSEX STREET

Balance 1913 account.....			\$135.97
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Expended

Tarvia.....	\$71.50		
Rolling.....	11.25		
Labor.....	35.19		117.94
			<hr/>
Transferred to highway repairing.....			\$19.03

PUBLIC WORKS DEPARTMENT

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HURD STREET

Balance 1913 account.....		\$174.75
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Expended

Labor and stock.....		\$15.63
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Transferred to highway repairing.....		\$159.12
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NOWELL ROAD

Balance 1913 account.....		\$135.09
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Expended

Building walls and steps.....		\$108.90
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Transferred to highway repairing.....		\$26.19
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DYER AVENUE EXTENSION

Appropriation.....		\$1,000.00
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Expended

Purchase of land.....	\$800.00	
Labor and teams grading.....	151.05	951.05

Treasury balance.....		\$48.95
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CROSSWALKS AND PAVING GUTTERS

Appropriation.....		\$1,500.00
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Expended

Labor.....	\$477.69	
Stock.....	655.69	1,133.38

Treasury balance.....		\$366.62
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GUARD RAIL AND FENCING

Appropriation.....		\$500.00
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Expended

Pipe and labor.....		239.11
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Transferred to highway repairing.....		\$260.89
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CITY OF MELROSE

WARNING SIGNS TO AUTOMOBILES

Appropriation.....	\$100.00
Expended	
Expended.....	\$46.57
Transferred to highway repairing.....	\$53.43

STREET SIGNS AND NUMBERS

Appropriation.....	\$100.00
Expended	
Labor and team.....	\$15.53
Signs, iron and hardware.....	84.57
	<hr/>
	\$100.00

The following unexpended balances were transferred to highway repairing:—

Stratford Road.....	\$102.98
Goss Avenue Extension.....	87.14
Chester Street.....	144.46
East Foster Street.....	113.81
Street Bounds.....	53.88
Vaults and plans.....	48.95

CARE OF TREES

Expended	
Stock.....	\$128.98
Labor as per pay rolls.....	723.72
	<hr/>
	\$852.70

No expenditures were made on the following appropriations:—

East Foster Street, Main Street to brook, macadam.....	\$500.00
Grove Street, macadam.....	\$2,800.00
Richardson Road, macadam.....	2,500.00
Corey Street, construction.....	2,800.00

INDIVIDUAL WALKS

Appropriation.....	\$1,000.00
Deposits.....	869.80
	<hr/>
	1,869.80
Less refunds.....	176.66
	<hr/>
	\$1,693.14

Expended

Teams and Labor.....	\$195.02
Edgestone.....	405.78
Granolithic.....	580.54
Sodding.....	136.73
Concrete.....	57.87
Sand and gravel.....	3.50
Cement.....	2.40
Use of tools, insurance, etc.....	17.66
	<hr/>
Less due other divisions.....	10.11
	<hr/>
Treasury balance.....	\$303.75

PUBLIC WORKS DEPARTMENT

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CONTINUOUS SIDEWALKS

Balance 1913 account.....	\$2,939.03	
Appropriation.....	10,000.00	
Assessments credited.....	6,152.53	\$19,091.56

Expended

Edgestone.....	\$4,197.85	
Granolithic.....	4,986.89	
Concrete.....	399.26	
Sodding.....	606.15	
Sand and gravel.....	52.75	
Powder and exploders.....	4.95	
Cement.....	3.60	
Oil and sundries.....	26.57	
Teams and labor.....	2,449.29	
Removing tree.....	50.00	
Individual walks.....	2.21	
Tools, insurance, etc.....	227.62	\$13,007.14
Treasury balance.....		\$6,084.42

REPAIR PRESENT WALKS

Appropriation.....	\$4,000.00
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Expended

Minor Repairs.....	\$21.87	
Minor repairs sodding.....	1.45	
Reserve on 1913 account.....	76.87	
Concreting.....	3,597.45	
Granolithic.....	54.66	
Labor and teams.....	228.71	3,981.01
Treasury balance.....		\$18.99

INDIVIDUAL WALKS 1914

Abutters	Location	Lin. Feet Edgestones			Sq. Yds. Concrete	Sq. Yds. Granol.	Sq. Ft. Sodding	Total Cost City Work	Amount Assessed
		Straight	Curved	Blks.					
W. S. Blake	21 Francis St.	79.00	.....	.....	.....	45.15	163	\$146.17	\$84.60
H. C. Blackmer	293 W. Emerson St.	54.50	.....	2	.....	.....	160	60.71	30.36
C. DeCicca	Wyoming Ave. . . . .	.....	.....	2	.....	.....	108	8.67	8.67
T. J. Edwards	138 Bellevue Ave.	70.58	.....	2	2.05	63.24	272	176.99	88.50
G. E. Gilchrist	148 Bellevue Ave.	100.50	.....	.....	.....	87.77	522	234.18	117.09
Otto Von Klock	Walnut St.	79.75	.....	.....	.....	.....	.....	58.42	29.21
Thomas Kehoe	84 Myrtle St. . . . .	.....	.....	.....	46.93	.....	.....	29.10	14.55
Lawrence Savings Bank	Myrtle St. . . . .	.....	.....	.....	37.77	.....	.....	23.42	11.71
J. H. McNeill	10 Brown St.	54.60	.....	.....	.....	28.34	122	101.74	50.87
Thomas McKie	58 Orient Ave.	Change for	Driveway	.....	.....	.....	.....	3.06	3.06
Stanley Porter	1062 Main St.	86.00	.....	.....	.....	53.91	Not	Completed	.....
B. Russo	12 Grove St. . . . .	.....	.....	.....	1.66	.....	.....	3.32	3.32
George B. Rhodes	34 York Terrace	Change for	Driveway	.....	2.27	.....	.....	5.67	5.67
Charles S. Robbins	80 Laurel St.	124.30	.....	.....	.....	68.51	295	229.05	114.53
Mrs. H. W. Sawyer	8 Bellevue Ave. . . . .	.....	.....	.....	.....	.....	667	33.35	16.68
F. E. Smith	133 Bellevue Ave.	92.70	.....	2	.....	.....	405	91.40	45.70
George W. Swett	11 Henry Ave.	28.30	Not Completed
Totals	Totals	741.93	6	91.94	375.22	2714

PUBLIC WORKS DEPARTMENT

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CONTINUOUS WALKS. 1914 (One-half cost assessed Abutters)

Street	Side	From	To	Straight Stone		Curvad		Blks.	Gran.—Yds.		Yds.	Ft.
				New	Old	New	Old		Outside	Inside	Concrete	Sod
Ashland St. and Richardson Rd.	East and North	N. Line No. 177	Morgan St.	127.00					240.55	3.30		823
Bellevue Ave., No. 132	West			40.65					86.52			648
Crescent Ave.	West	Front, No. 110		206.40				2	25.90			109
Emerson St., W.	North		Stoneham Line						151.42			1,091
Foster St., W.	North											
	South	Main St.	To R.R.	591.30		31.40	12.50	6				
Frances St.	North											
	South	Pleasant St.	Crescent Ave.	1,287.10		226.90			941.10			3,030
Henry Ave.	West											
	South	Highland Ave.	Ashland St.	493.00		188.20			370.00	4.48		1,663
Main St.	West	Opp. Mt. Vernon St.		153.10	11.90							
Main St.	East	Pearl St.	Boardman Ave								512.64	
Morgan St.	North	Main St.	Richardson Rd.	1,118.80		147.60		12	784.58			2,883
Morgan St.	South	Main St.	Briggs St.	338.60		13.00		4	218.76			837
Myrtle St.	East							Old 2				
	West	Foster St.	Essex St.	982.30		25.60		New 6				
Sargent St.	West	Franklin St.	Highland Ave.	491.50	17.20	29.60			319.00	1.50		1,944
Wyoming Ave.	North	Bray	Smith						83.80			
			Total	5,829.75	29.10	662.30	12.50	32	3,221.63	9.28	512.64	13,028

EDGESTONE RESET AND STREET CORNERS 1914

Street	Location	Edgestone		Reset
		Straight	Curved	
Bartlett and Everett Streets.....		12.50	9.90	.....
Bartlett Street.....	No. 12	.....	.....	65.00
Grove Street and Appleton Place.....		24.20	19.10	.....
Melrose and Auburn Streets		5.60	27.90	.....
Wyoming Avenue.....		.....	.....	125.00
Total.....		42.30	56.90	190.00

STREETS ACCEPTED AS HIGHWAYS —1914

Street	From	To	Width	Length Feet	Date of Acceptance
Chestnut Park.....	Chestnut Street....	East....	30	215	May 18, 1914
*Corey Street.....	Grove Street.....	South...	40	430	July 6, 1914
*Corey Street.....	Wyoming Avenue..	North...	38-40	72	Oct. 5, 1914
Crescent Avenue....	Everett Street.....	Brook...	40	93	June 12, 1914

*Accepted under Betterment Act.

STREET SPRINKLING

Watering

Labor and teams.....	\$2,167.98	
Repairing carts.....	234.95	
Repairing Stand-pipes.....	43.00	
Labor on schedules.....	6.00	\$2,451.90

Oiling

Alden Speare's Sons Co.....	\$3,709.96	
Standard Oil Co.....	1,229.58	
Kinney Mfg. Co.....	462.00	
Barrett Mfg. Co. Tarvia B.....	294.00	
Testing.....	6.00	
Labor and teams, oiling.....	203.03	
Labor and teams, cleaning for oil.....	975.59	\$6,880.16
		<u>\$9,332.09</u>

STREET LIGHTING

Appropriation.....	\$16,700.00	
Receipts, Park Department.....	86.50	\$16,786.50

PUBLIC WORKS DEPARTMENT

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Expended

Malden Electric Company, contract.....	16,678.30	
Treasury balance.....	<u>\$108.20</u>	

STREET CLEANING

Appropriation.....	\$5,000.00	
Paid from highway repairing.....	<u>256.11</u>	\$5,256.11

Expended

Labor and teams.....	\$3,183.82	
Labor, push carts.....	2,016.50	
Tools and repairs.....	<u>55.79</u>	
	\$5,256.11	

1,777 double loads to dump.

COLLECTION OF ASHES AND RUBBISH

Appropriation.....	\$3,750.00	
Paid from highway repairing.....	506.66	
Received from Park Department.....	<u>139.32</u>	\$4,395.98

Expended

Labor and teams collecting.....	\$4,000.00	
Labor leveling dumps.....	351.40	
Labor delivering ash notices.....	18.00	
Oil suits and sundries.....	<u>25.90</u>	
		\$4,395.98

INSURANCE

Appropriation.....	\$1,230.00
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Expended

Premiums on policies.....	\$1,230.00
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ICE FOR DRINKING FOUNTAIN

Appropriation.....	\$50.00
Expended, Fells Ice Co., contract.....	50.00

CLAIMS

Order No. 8296, Board of Aldermen, Emma T. Bostwick, for injury.....	\$250.00
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CITY SCALES

Amount collected and paid Treasurer.....	\$93.90
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CITY OF MELROSE

MEMORIAL BUILDING

Salaries and Wages

Appropriation	\$1,100.00	
Expended		
Labor as per pay rolls	\$1,097.55	
Treasury balance		\$2.54

OTHER EXPENSES

Appropriation	\$1,600.00	
Collections paid Treasurer	718.60	\$2,318.60

Expended

Outside work—Labor	\$636.13	
Stock and teams	55.91	\$692.04
Janitor's Supplies	87.69	
Perry and Marston	11.25	
Deering Lumber Co. ....	.60	
Sodding and seeding lawn	48.00	
R. M. Gibson, painting	12.45	
George Dew, painting	10.00	
MacDonald Joslin Co.	13.25	
MacDonald Joslin Co.	53.60	
MacDonald Joslin Co.	371.31	
Brock Brothers	10.28	
Paine Furniture Co., Rug and Mirror	52.80	
Water rates	19.85	
Insurance	6.70	
Electric Lighting	309.76	
Gas Lighting	26.55	
Coal and wood	502.56	
Moving furniture	15.00	
Deficit Jan. 1, 1914	60.65	1,612.39
Treasury balance		2,304.43
		\$14.17

AUDITORIUM

List of Engagements

Evenings 40		
Afternoons 20		
Amount received and paid Treasurer, 1913 accounts	\$128.00	
" " " " " 1914 "	2,015.05	
Rent of G. A. R. Hall, etc.	469.00	\$2,612.05
1914 accounts due—\$268.59		

SEWER DIVISION

Construction

Balance from 1913 account.....		\$3,340.26	
Appropriation.....		10,000.00	
Stock balance, Air Compressor Drill.....	\$1,581.98		
Pipe, cement and casting.....	2,280.13	3,862.11	\$17,202.37
		<hr/>	

Expended

Sewers constructed, see table.....		\$7,279.92	
Due from Surface drainage con.....		2,045.80	
“ “ Sewer maintenance.....		8.68	
“ “ private sewers.....		221.10	9,555.50
		<hr/>	
			\$7,646.87
Stock balance, including air compressor.....			3,596.07
			<hr/>
Treasury balance.....			\$4,050.80

STOCK ACCOUNT

Balance Jan. 1, 1914.....		\$3,862.11	
Stock bought:—			
Sewer pipe	\$2,452.56		
Brick.....	807.55		
Cement.....	448.53		
Castings.....	994.15		
Lumber.....	92.34		
Labor on stock.....	162.69		
Rent of Yard	175.00	5,132.82	
		<hr/>	
			\$8,994.93
Stock used.....	\$618.61		
By other divisions.....	4,780.25	5,398.86	
Stock balance (includes compressor).....			\$3,596.07
		<hr/>	

COST OF SYSTEM

Construction to Jan. 1, 1914.....	\$456,714.83	
Construction 1914.....	7,279.92	
Total cost to Jan. 1, 1915.....		\$463,994.75

MAINTENANCE

Appropriation.....	\$1,000.00
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Expended

Repairs:—

Labor and teams.....	\$233.53	
Stock.....	20.68	\$254.21

Cleaning:

Labor and teams.....	\$712.61	
Tools and sundries.....	40.03	752.64

\$1,006.85

Less due sewer construction.....	8.68	998.17
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Treasury balance.....		\$1.83
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Private Sewers

There have been 85 connections made with the main sewers the past year, which have been paid from collections, making a total to Jan. 1, 1915 of 3,103. (Cost of private sewers paid for by applicant).

Balance Jan. 1, 1914.....	\$117.22	
Collections paid Treasurer.....	2,865.47	\$2,982.69

Expended

Labor.....	\$1,919.70	
Stock, sewer construction.....	822.92	
Stock and teams, highway division.....	55.17	
Concrete repairs.....	14.77	
Water division.....	3.80	2,816.36

Treasure balance.....		\$166.33
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Due sewer construction for insurance, tools, etc., \$221.10.

SEWER CONSTRUCTION—1914

Street	Location	Pipe		No. of M. H's
		Size Inches	Length Feet	
Argyle Street....	Extension southerly.....	6	50	.....
Fairview Avenue...	Reading Hill Avenue, southerly.....	6	150	1
Haverhill Place...	Holbrook Ct., to Haverhill Pl.....	6	300	2
Lynde Avenue....	Glen Rd., south to summit.....	6	154	1
Lynde Avenue....	Russell St., north.....	6	158	.....
Lynde Avenue....	Russell Street, south.....	6	194	.....
Stevens Road....	Extension northerly to summit.....	6	212	1
Warwick Road....	Perkins Street, southerly.....	6	366	1
	Total.....		1584	6

Sewers Built to January 1, 1915.

No of feet	6 inch pipe	116,209
" " "	8 " "	52,626
" " "	10 " "	17,406
" " "	12 " "	10,281
" " "	15 " "	3,839
" " "	18 " "	5,150
" " "	20 " "	2,788
" " "	24 " "	1,213
" " "	20 x 18 brick	3,035
	20 "	111
	24 "	28
		<hr/>
		212,686

NOTE:—Total length of Sewers 212,686 feet or 40.28 miles; 2.4 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by an Act of the Legislature, Melrose is permitted to use in the same manner as the local sewers.

SURFACE DRAINAGE

Construction

Balance Jan. 1, 1914.....	\$547.34	
Appropriation.....	10,000.00	
Due sewer construction and highways.....	<hr/> 2,060.80	\$12,608.14

Expended

Construction (see table).....	11,975.46
Treasury balance.....	<hr/> \$632.68

Maintenance

Appropriation.....	\$2,500.00
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Expended

Cleaning catch-basins.....	\$1,513.89	
Drains.....	397.80	
Brook at Florence Street.....	106.03	
Cleaning brooks.....	313.39	
Tools and supplies.....	56.10	
Insurance.....	<hr/> 45.06	2,432.27
Treasury balance.....		<hr/> \$67.73

SUMMARY OF IMPROVED SURFACE DRAINAGE CONSTRUCTED TO JAN. 1, 1915

8 inch Akron Pipe	646 lin. ft.	
10 " " "	2,258 " "	
12 " " "	20,628 " "	
15 " " "	14,604 " "	
16 " Iron "	284 " "	
18 " Akron "	5,911 " "	
20 " Iron "	120 " "	
20 " Akron "	4,162 " "	
24 " " "	1,478 " "	
Brick conduit.....	659 " "	
Concrete conduit.....	8,894 " "	
No. of concrete culverts.....	4	
No. of manholes.....	295	
No. of catch-basins.....	491	
Cost of System to Jan. 1, 1914.....		\$163,426.15
Construction 1914.....		11,975.46
Cost of System to Jan. 1, 1915.....		<u>\$175,401.61</u>

SURFACE DRAINAGE CONSTRUCTION, 1914

Street	Location	Pipe		No. of M. Hs.	No. of C. Bs.	Cost
		Size Ins.	Length Feet			
Beech Avenue.....	Near Fairmount Street.....	.....	.....	.....	.....	\$23.24
Boardman Avenue.....	At low point.....	.....	.....	.....	1	47.06
Cottage Street.....	Extension to W. Foster Street.....	12	526	3	2	1,323.02
Dix Pond Drain.....	Rear of Memorial Hall.....	.....	.....	.....	.....	60.89
Everett Street.....	Right of Way to Brook.....	12	122	.....	1	146.54
Emerson Street, West.....	Vinton Street, Westerly.....	12	46	.....	1	147.16
Ferdinand Street.....	At low point.....	.....	.....	.....	1	62.26
First Street.....	Near Larrabee Street.....	.....	.....	.....	1	83.78
Foster Street, West.....	Cottage Street, West.....	10	80	.....	2	.....
Foster Street, West.....	Cottage Street, East to R. R.....	10	154	.....	2	.....
Foster Street, West.....	Willow Street, East.....	10	94	.....	3	.....
Foster Street, West.....	Dill's Ct. to Myrtle Street.....	12	196	.....	1	1,493.79
Grove Street.....	Lebanon Street to Appleton Place.....	12	400	2	3	845.57
Hancock Street.....	Mountain Avenue to Prescott Street.....	10	264	.....	.....	.....
Hancock Street.....	Mountain Avenue to Prescott Street.....	12	247	.....	.....	.....
Hancock Street.....	Mountain Avenue to Prescott Street.....	15	32	4	5	1,466.14
Harvard Street Drain.....	Lebanon Street to Harvard Street.....	24	18	.....	.....	.....
.....	Lebanon street to Harvard Street.....	18	210	.....	.....	.....
.....	Right of Way to Right of Way.....	18	96	2	2	.....
.....	Harvard Street to Irving Street.....	15	200	1	2	1,928.90
.....	Grove Street to Beech Avenue.....	12	766	3	.....	1,388.43
.....	Extension Westerly.....	18	100	.....	.....	176.79
.....	Low point to Morgan Street.....	12	364	3	3	.....
.....	Morgan Street to Ashland Street.....	10	202	1	3	1,788.42
.....	At low point.....	18	58	.....	3	205.99
.....	At Messenger's Meadow.....	12	322	.....	.....	.....
.....	At Messenger's Meadow.....	12	.....	.....	.....	.....
.....	At Messenger's Meadow.....	15	20	2	1	666.95
.....	Near Essex Street.....	.....	.....	.....	2	120.53
Totals.....		.....	4517	22	41	\$11,975.46

SUMMARY OF WORK DONE IN 1914

794 ft. 10 in. Pipe Laid
 2,989 " 12 " "
 252 " 15 " "
 464 " 18 " "
 18 " 24 " "
 22 M. H.
 41 C. B.

ENGINEERING DIVISION.

Salaries and Wages

Appropriation	\$3,500.00
Expended:—	
Salaries as per pay rolls	3,500.00

Other Expenses

Appropriation		\$325.00
Expended:—		
Engineers' supplies	\$130.27	
Repairs of instruments	10.50	
Grade stakes	76.20	
Horse hire	108.00	324.97
	<hr/>	<hr/>
Treasury balance . . . . .	\$	.03

SYNOPSIS OF WORK DONE.

Highway Division

Street lines and grade given for construction of new streets, including gutters, crossing, guard rails, etc., and record plans made of same.

Sewer Division.

Estimates have been rendered, lines and grades given, records kept of "Y" locations, plans and profiles made, and schedules for assessing all sewers constructed.

Water Division.

Estimates have been made and lines given for water mains, constructed and relaid. For location, lengths and size of mains, see tables under "Water Division."

Surface Drainage

Surveys, computations, and plans have been made, lines and grades given, and records kept of "Y" locations of all new work constructed.

Wyoming Cemetery

45 lots have been surveyed, a plan of each lot made and blueprints of same furnished the Cemetery Department. Lines and grades for driveways have been given. General plan of Cemetery showing lots has been corrected to date.

Sidewalks

Plans and profiles have been made, lengths and radii of curbing computed, work measured and schedules for assessment made.

Assessment Plans.

New buildings have been plotted. Common and private sewers constructed and sewer assessment data recorded on plans.

Street Numbering

All new houses have been located and numbers furnished and put on by this department. 125 premises have been numbered; street lines and grades given to 56 abutters; acceptance plans made of 8 streets, and plans made for 11 releases.

CLASSIFICATION OF EXPENDITURES**Highways:—**

Comprising plans, estimates, titles, profiles, lines and grades, and all other engineering work relating to the Department.....	\$849.05
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Sewers:—

Comprising surveys, estimates, profiles, lines, grades, plans, assessments, and all other engineering work relating to sewers.....	\$255.10
--	----------

Surface Drainage:—

Comprising lines, grades, surveys and plans of all surface drainage work.....	193.55
---	--------

Water Works:—

Comprising lines, location of mains, plotting of new mains, etc., on city water map.....	196.43
--	--------

Street Numbering:—

Location of buildings, numbering plans and affixing street numbers on houses.....	47.66
---	-------

Street Lines and Grades for Abutters:—

Establishing lines, grades and miscellaneous data given parties for building, etc.....	280.11
--	--------

Acceptance Plans:—

Surveys and establishing grade of streets and estimates of same proposed for acceptance.....	193.95
--	--------

Assessment Plans.....	270.25
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Office Work:—

Records of locations, indexing, calculating and general draughting.....	718.19
---	--------

Wyoming Cemetery:—

Comprising line and grade of lots surveyed, plans of lots made, etc.....	161.28
Miscellaneous:—.....	334.43

\$3,500.00

In conclusion I desire to express my appreciation to His Honor, the Mayor, the Board of Aldermen, and the City Officials, for courtesies extended, and to the employees of this Department for their co-operation.

Respectfully submitted,

GEORGE O. W. SERVIS,

Engineer and Superintendent of Public Works.

MELROSE, MIDDLESEX COUNTY, MASSACHUSETTS

Location, 7 miles north of Boston.

Population, April 1, 1914.....	17,037
Number of voters.....	3,554
Number of polls.....	4,685
Greatest extent of City north and south.....	2.44 miles
Greatest extent of City east and west.....	2.95 miles
Valuation of real estate.....	\$15,961,250.00
Valuation of personal.....	\$2,606,080.00
Tax rate per thousand.....	\$21.70
Area of City:—.....	3,115.00 acres
Land.....	3,079.50 acres
Water.....	35.50 acres
Length of public streets.....	46.84 miles
Length of private streets.....	13.51 miles
Total length of water mains.....	53.86 miles
Range of pressure on mains.....	From 100 lbs. to 23 lbs.
Total length of sewers.....	48.28 miles
Number of 200 candle power incandescent lighte.....	50
Number of 40 candle power incandescent lights.....	691
Number of luminous arcs.....	32

Areas of Parks:—

Melrose Common.....	4.4	acres
Sewall Woods Park.....	9.0	"
Ell Pond Park.....	25.50	"
Pine Banks Park.....	81.7	"
Middlesex Fells.....	170.0	"
Area of Wyoming Cemetery.....	43.5	"
Elevation Main Street at City Hall.....	61 feet above mean low water.	
Elevation Franklin Square.....	85	" " " " "

City Clerk's Annual Report

Melrose, Mass., Jan. 28, 1915.

To His Honor, the Mayor, and the Board of Aldermen.

Gentlemen:—In accordance with the City Ordinances, I have the honor to transmit herewith the annual report of the City Clerk's Department, the same being for the municipal year ending December 31, 1914, and the payments of the same to the proper authorities.

Licenses and fees received in the City Clerk's Department, January 1, 1914 to December 31, 1914:

Marriage intentions, 165 at \$1.00	\$165.00
Junk Collectors' Licenses, 9 at \$10.00	90.00
Mortgages...91 at 75c	68.25
Pool and Billiards, 9 tables at \$5.00	45.00
Miscellaneous papers	35.15
Express and Jobbing Wagons, 23 at \$1.00	23.00
Bowling Alleys.....2 at \$10.00	20.00
Auctioneers, 7 at \$2.00	14.00
Gasoline Licenses, 11 at \$1.00	11.00
Removal Gasoline Licenses, 10 at 50c	5.00
Private Detective.....1 at \$10.00	10.00
Hackney Carriages, 7 at \$1.00	7.00
Hackney Carriage Drivers, 5 at \$1.00	5.00
Itinerant Musicians, 4 at \$1.00	4.00
Releases, etc., 31 at 25c	7.75
Intelligence Office, 1 at \$1.00	1.00
	<hr/>
	\$511.15

April 16, 1914	Paid the City Treasurer	\$30.40
June 6, 1914	" " " "	100.00
Aug. 6, 1914	" " " "	91.00
Sept. 30, 1914	" " " "	51.00
Sept 30, 1914	" " " "	5.00
Dec. 29, 1914	" " " "	167.75
Jan. 4, 1915	" " " "	66.00
		<hr/>

\$511.15

Appropriation in Budget for City Clerk's Department	Salaries and Wages	\$1,800.00
Salaries paid, as per Auditor's report		<hr/> \$1,800.00

CITY CLERK'S REPORT

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Appropriation in Budget for City Clerk's Department, Other Expenses	\$240.00
Bills paid, as per Auditor's report.....	240.00
<hr/>	
Appropriation in Budget for City Clerk's Department, Vital Statistics	\$210.00
Bills paid, as per Auditor's report.....	209.20
<hr/>	
Balance Dec. 31, 1914.....	\$.80
Appropriation for printing City Report.....	\$500.00
Bill paid for same, as per contract.....	500.00
<hr/>	
Appropriation for distributing City Report.....	10.00
Bills paid as per Auditor's report.....	9.96
<hr/>	
Balance Dec. 31, 1914.....	\$.04
Appropriation in the Budget for Election and Registration, Salaries and Wages	\$1,495.00
Bills paid, as per Auditor's Report.....	1,471.80
<hr/>	
Balance on hand Dec. 31, 1914.....	\$23.20
Election and Registration, Other Expenses	1,000.00
Bills paid, as per Auditor's report.....	958.62
<hr/>	
Balance on hand Dec. 31, 1914.....	\$41.38

Dog Licenses 1914

552 Male dogs at \$2.00.....	\$1,104.00
62 Female dogs at \$5.00.....	310.00
<hr/>	
	\$1,414.00
614 licenses less fees at 20c each.....	122.80
<hr/>	
	\$1,291.20
<hr/>	
June 4, 1914, Paid the County Treasurer.....	\$1,050.60
Dec. 2, 1914 " " " ".....	240.60
<hr/>	
	\$1,291.20
<hr/>	

CITY OF MELROSE

Hunters' Licenses 1914

Number of licenses issued, 259 at \$1.00.....		\$259.00
Paid Fish and Game Commission:		
Feb. 13, 1914.....	\$25.00	
May 1, 1914.....	10.00	
Sept. 1, 1914.....	16.00	
Oct. 2, 1914.....	47.00	
Oct. 13, 1914.....	107.00	
Nov. 10, 1914.....	46.00	
Dec. 10, 1914.....	6.00	
Dec. 18, 1914.....	2.00	\$259.00

Respectfully submitted,

W. De HAVEN JONES,

City Clerk.

Report of Registrars of Voters

Melrose, Mass., Jan. 29, 1915.

To His Honor ,the Mayor, and the Bpard of Aldermen.

Gentlemen:—The Registrars of Voters held forty-three meetings during the year 1914.

The annual meeting for the election of officers was held on June 18, 1914 in the City Clerk's office. Edwin L. Cragin was unanimously re-elected chairman, and W. De Haven Jones served as secretary ex-officio.

John J. Keating having been re-appointed Registrar for a term of three years, was sworn into office at this meeting.

Several meetings were used up in revising the check lists in accordance with the Assessors' returns, 271 names were dropped, and the lists when completed were as follows:

Wards	1	2	3	4	5	6	7-1	7-2	Totals
	437	551	435	379	395	552	387	80	3,216

The Registrars held many meetings and once a week, as required by law, during the month of August, for the purpose of certifying nomination papers, they certified about 3,300 names for the State election and over 2,000 names for the City election, making about 5,300 in all.

Meetings held for registering the voters for the State election, November 3, 1914:

Wednesday, September 9th, from 7 to 10 p.m.

Friday, Sept. 11th, from 7 to 10 p.m.

Tuesday, September 15th, from 7 to 10 p.m.

Tuesday, Sept. 29th, from 7 to 10 p.m.

Tuesday, Oct. 6th, from 7 to 10 p.m.

Final Session

Wednesday, October 14th, from 12 noon until 10 o'clock p.m. (when registration ceased).

Wards	1	2	3	4	5	6	7-1	7-2	Totals
	472	597	474	392	420	586	419	86	3,446

Meetings were held for registering the voters for the city election to be held December 8, 1914, as follows:

Tuesday, November 10th, from 7 to 10 p.m.

Final Session

Wednesday, November 18th, from 12 o'clock noon until 10 o'clock p.m. (when registration ceased).

Male									
Wards	1	2	3	4	5	6	7-1	7-2	Totals
	484	616	484	409	431	606	432	92	3,554

CITY OF MELROSE

Women

Wards	1	2	3	4	5	6	7-1	7-2	Totals
	25	32	33	65	20	37	11	6	229

Respectfully submitted

EDWIN L. CRAGIN, *Chairman*

JOHN J. KEATING

EDWIN J. TIRRELL

W. DeHAVEN JONES, Clerk.

Registrars of Voters.

Report of City Solicitor

Hon. Charles H. Adams, Mayor, Melrose, Mass.

Dear Sir:—Pursuant to the requirements of the ordinances, I have the honor to submit the following report of the law department for the year ending with the first Monday of March, 1915.

During said year two actions were started against the city, one arising out an accident upon the highway and the other being a petition for a writ of mandamus. Both actions are still pending.

Also a suit was started by this city against the city of Everett in order to preserve rights arising out of aid furnished to a party alleged to have a settlement in the defendant city. This case also is pending.

Two cases of long standing, arising out of accidents upon the highways, have been settled during the past year.

During this period claims for injuries arising out of accidents upon the highways have been brought against the city by ten different parties, three of which claims, after investigation, were allowed and adjustment made. In the remaining cases, liability was denied and one of them has resulted in suit against the city.

During the year, twenty-seven law suits were started against the employees of or contractors with the city, in which cases the city was summoned as trustee.

Sixty-nine opinions have been rendered during the course of the year in response to inquiries from officers and members of the City Government.

At the municipal election in December, 1914, the people voted in favor of petitioning the legislature for an amendment to the city charter radically changing the number and terms and office of the members of the City Government. Pursuant to this vote and by direction of the Mayor and Aldermen, a bill was prepared and with an accompanying petition was filed in January of 1915. The final action of the legislature thereon is still awaited.

Respectfully submitted,

ARTHUR S. DAVIS,
City Solicitor

Report of City Collector for 1914

Dec. 31, 1914.

To the Honorable Board of Aldermen, City of Melrose.

I hereby submit the fifteenth annual report of Collector's Office.

TAX 1911

Uncollected Dec. 31, 1913.....		\$3,027.37
Interest 1914.....		501.59
		<hr/>
		\$3,528.96
Abatements.....	\$440.01	
City Possessions.....	608.94	
Paid Treasurer Tax and Interest.....	2,528.16	
	<hr/>	
		\$3,577.11

TAX 1912

Uncollected Dec. 31, 1913.....		\$46,287.54
Interest 1914.....		3,255.99
		<hr/>
		\$49,543.53
Abatements.....	\$1,380.47	
Paid Treasurer Tax and Interest.....	37,909.41	
Takings.....	7,784.48	47,074.36
	<hr/>	
Uncollected.....		\$2,469.17

TAX 1913

Uncollected Dec. 31, 1913.....		\$157,942.94
Interest.....1914.....		3,450.31
		<hr/>
		\$161,393.25
Abatements.....	2,997.70	
Paid Treasurer Tax and Interest.....	110,092.37	113,090.07
	<hr/>	
		\$48,303.18

COLLECTOR'S REPORT

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TAX 1914

Warrant.....		\$412,281.06
Additional.....		1,993.45
Interest.....		147.56
		<hr/>
		\$414,442.07
Abatements.....	6,606.07	
Paid Treasurer Tax and Interest.....	235,136.65	241,742.72
	<hr/>	<hr/>
Uncollected Dec. 31, 1914.....		\$172,679.35

STREET WATERING

1911—Collected and Paid Treasurer.....		\$19.64
1912—Collected and Paid Treasurer.....		851.94
1913—Abated.....	\$22.65	
Collected and Paid Treasurer.....	2,926.39	2,949.04
	<hr/>	
1914—Collected and Paid Treasurer.....	\$5,483.57	
Abated.....	72.35	5,555.92
	<hr/>	

SUNDRY TAXES

Non-Resident Bank Tax.....	\$1,117.98
Excise Tax Bay State Ry. Co.....	2,325.72
Collector's Receipts.....	1,705.16

PAYMENTS MOTH TAX 1914

1911—Abated.....	\$14.70	
Paid Treasurer.....	11.10	\$25.80
	<hr/>	
1912—Abated.....	4.90	
Paid Treasurer.....	28.95	33.85
	<hr/>	
1913—Abated.....	34.60	
Paid Treasurer.....	230.30	264.90
	<hr/>	
1914—Abated.....	00.00	
Paid Treasurer.....	160.15	160.15

SEWERS

Collected and Paid Treasurer.....		\$2,919.62
Distributed:		
Apportioned.....	\$1,676.75	
Non-apportioned.....	691.36	
Interest.....	551.51	
	<hr/>	\$2,919.62

SIDEWALK AND CURBING

Collected and Paid Treasurer		\$6,407.50
Distributed:		
Apportioned.....	\$2,716.87	
Non-apportioned.....	3,435.66	
Interest.....	254.97	6,407.50

BETTERMENTS

Collections 1914.....		\$1,276.89
Paid Treasurer.....	\$1,141.33	
Paid Treasurer Interest.....	135.56	
	<hr/>	\$1,276.89

WATER RATES 1914

1910—Collected and Paid Treasurer.....	\$82.43
1911—Collected and Paid Treasurer.....	189.34
1912—Collected and Paid Treasurer.....	260.75
1913—Collected and Paid Treasurer.....	6,867.01
1914—Collected and Paid Treasurer.....	39,197.15
Water Summons.....	128.80

REDEMPTION OF PROPERTY TAKEN BY CITY FOR YEARS

ENUMERATED BELOW

Year	Tax	Int.	St. Wat.	Moth
1905.....	\$10.80	\$11.75		
1906.....	10.68	10.18		
1907.....	10.20	8.26		
1908.....	16.65	10.51		
1909.....	357.29	135.16	2.40	
1910.....	1,090.28	310.81	27.04	9.00
1911.....	3,051.33	588.35	64.76	18.00
1912.....	1,191.29	158.88	29.61	7.50
	\$5,738.52	\$1,233.90	\$23.81	\$34.50

Above amounts paid Treasurer 1914.

Respectfully submitted,

JAMES W. MURRAY,

City Collector

Report of City Treasurer

Melrose, Mass., Feb. 25, 1915

*To the Honorable, the Mayor and Board of Aldermen,
Melrose, Mass.*

Gentlemen:—As required by Chap. 5, Sec. 3, Revised Ordinances, I submit herewith my report of receipts and payments for the year "showing the different sources of the city revenue and the amount received from each," together with lists showing all outstanding notes and bonds, a list showing the total amount of each kind due each year until all are paid, and a list showing the different kind of bonds and how many are due and payable serially from taxes and from sinking funds, and the amount in the Sinking Fund applicable to each.

Respectfully submitted,
W. R. LAVENDER,
City Treasurer

William R. Lavender, *City Treasurer*,

In account with the City of Melrose.

Balance cash on hand and in Bank, Jan. 1, 1914.	\$12,870.01
Receipts in 1914.	\$1,025,479.12
	<hr/>
Payments in 1914.	\$1,038,349.13
	1,021,663.09
	<hr/>
Balance cash on hand and in Bank Dec. 31, 1914.	\$16,686.04

CITY TREASURER'S REPORT

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LIST OF TEMPORARY LOANS (REVENUE NOTES) OUTSTANDING DEC. 31, 1914

Date	Due	Amount
January 31, 1914.....	January 31, 1915.....	\$300.00
January 31, 1914.....	January 31, 1915.....	2,000.00
January 31, 1914.....	January 31, 1915.....	700.00
March 26, 1914.....	March 26, 1915.....	10,000.00
March 26, 1914.....	March 26, 1915.....	10,000.00
March 26, 1914.....	March 26, 1915.....	10,000.00
March 26, 1914.....	March 26, 1915.....	10,000.00
April 6, 1914.....	April 6, 1915.....	4,000.00
April 29, 1914.....	April 29, 1915.....	1,400.00
August 28, 1914.....	April 15, 1915.....	10,000.00
August 28, 1914.....	April 15, 1915.....	10,000.00
August 28, 1914.....	April 15, 1915.....	10,000.00
August 28, 1914.....	April 15, 1915.....	10,000.00
October 31, 1914.....	June 10, 1915.....	10,000.00
October 31, 1914.....	June 10, 1915.....	5,000.00
October 31, 1914.....	June 10, 1915.....	5,000.00
October 31, 1914.....	June 10, 1915.....	5,000.00
October 31, 1914.....	June 10, 1915.....	5,000.00
October 31, 1914.....	February 5, 1915.....	10,000.00
October 31, 1914.....	January 28, 1915.....	5,000.00
October 31, 1914.....	January 28, 1915.....	5,000.00
October 31, 1914.....	January 28, 1915.....	5,000.00
October 10, 1914.....	October 10, 1915.....	1,000.00
December 4, 1914.....	June 4, 1915.....	10,000.00
December 4, 1914.....	June 4, 1915.....	10,000.00
December 4, 1914.....	June 4, 1915.....	10,000.00
December 4, 1914.....	June 4, 1915.....	10,000.00
December 4, 1914.....	June 4, 1915.....	5,000.00
December 4, 1914.....	June 4, 1915.....	5,000.00
December 4, 1914.....	June 4, 1915.....	5,000.00
December 4, 1914.....	June 4, 1915.....	5,000.00
December 4, 1914.....	June 4, 1915.....	5,000.00
July 30, 1914.....	April 6, 1915.....	10,000.00
July 30, 1914.....	April 6, 1915.....	10,000.00
		<hr/>
		\$224,400.00

LIST OF NOTES AND BONDS OUTSTANDING DEC. 31, 1914

MUNICIPAL LOANS	Date	Due	Order	Amount
Contagious Diseases	Jan. 31, 1914	Jan.. 31, 1915	8148A	\$1,000.00
Dyer Avenue	Apr. 6, 1914	Apr. 6, 1915	7893	1,000.00
E. Foster St., Macadam	Sept. 10, 1914	Sept. 10, 1915	8337	500.00
Crosswalks and Gutters	Sept. 10, 1914	Sept. 10, 1915	8471	1,500.00
Charity and Soldiers' Relief	Dec. 30, 1914	Dec. 30, 1915	8601	1,300.00
Contagious Disease	Dec. 26, 1914	Dec. 26, 1915	8657	2,000.00
				<hr/>
				\$7,300.00

PERMANENT LOANS

Bennett's Dam	Aug. 1, 1908	Aug. 1, 1915	4002B	\$1,000.00
" "	Aug. 1, 1908	Aug. 1, 1916	"	1,000.00
" "	Aug. 1, 1908	Aug. 1, 1917	"	1,000.00
" "	Aug. 1, 1908	Aug. 1, 1918	"	1,000.00
Motor Chemical	July 25, 1910	July 25, 1915	4937	1,000.00
Police Signal Boxes	Dec. 15, 1910	Dec. 15, 1915	6029	900.00
" "	Dec. 15, 1910	Dec. 15, 1916	6029	900.00
Continuous Sidewalks	Nov. 27, 1911	Nov. 27, 1915	6900	1,000.00
" "	Nov. 27, 1911	Nov. 27, 1916	"	1,000.00
" "	Oct. 5, 1912	Oct. 5, 1915	7333	2,000.00
" "	Oct. 5, 1912	Oct. 5, 1916	"	2,000.00
" "	Oct. 5, 1912	Oct. 5, 1917	"	2,000.00
Auditorium Building	Oct. 24, 1912	Oct. 24, 1915	7383	1,000.00
" "	Oct. 24, 1912	Oct. 24, 1916	"	1,000.00
" "	Oct. 24, 1912	Oct. 24, 1917	"	1,000.00
High St., Macadam	June 19, 1913	June 19, 1915	7656	1,000.00
Chemical and Runabout	July 7, 1913	July 7, 1915	7491	1,000.00
" "	July 7, 1913	July 7, 1916	"	1,000.00
" "	July 7, 1913	July 7, 1917	"	1,000.00
" "	July 7, 1913	July 7, 1918	"	1,000.00
" "	July 7, 1913	July 7, 1919	"	1,000.00
Grading Main St. and Ell				
Pond property	July 7, 1913	July 7, 1915	7781	1,000.00
Grading Main St. and Ell				
Pond property	July 7, 1913	July 7, 1916	"	500.00
Essex St. Macadam	July 7, 1913	July 7, 1915	7182	1,000.00
" "	July 7, 1913	July 7, 1916	"	900.00
Main St. Macadam	July 1, 1913	July 1, 1915	7762	2,500.00
" "	July 1, 1913	July 1, 1916	"	2,500.00
" "	July 1, 1913	July 1, 1917	"	2,500.00
" "	July 1, 1913	July 1, 1918	"	2,500.00
" "	July 1, 1913	July 1, 1919	"	2,500.00
" "	July 1, 1913	July 1, 1920	"	2,500.00
" "	July 1, 1913	July 1, 1921	"	2,500.00
" "	July 1, 1913	July 1, 1922	"	2,500.00
" "	July 1, 1913	July 1, 1923	"	2,500.00
Hurd St. Macadam	Aug. 12, 1913	Aug. 12, 1915	7721	1,000.00
" "	Aug. 12, 1913	Aug. 12, 1916	"	1,000.00
Vault Fittings City Hall	Sept. 12, 1913	Sept. 12, 1915	7756	822.00
Spear St., Building of	Oct. 10, 1913	Oct. 10, 1915	7187A	1,000.00
" "	Oct. 10, 1913	Oct. 10, 1916	"	1,000.00
" "	Oct. 10, 1913	Oct. 10, 1917	"	1,000.00
" "	Oct. 10, 1913	Oct. 10, 1918	"	1,000.00
Sidewalk Repairs	Dec. 3, 1913	Dec. 3, 1915	8029	1,000.00
Cemetery Improvement	Dec. 26, 1913	Dec. 26, 1915	7516	1,000.00
" "	Dec. 26, 1913	Dec. 26, 1916	"	1,000.00
Church St., Mountain } Ave. and Hancock St. }	Dec. 1, 1913	Dec. 1, 1915	6529A	550.00
" "	Dec. 1, 1913	Dec. 1, 1916	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1917	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1918	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1919	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1920	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1912	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1922	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1923	"	550.00

CITY TREASURER'S REPORT

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Continuous Sidewalks	Sept. 1, 1913	Sept. 1, 1915	7761	2,000.00
" "	Sept. 1, 1913	Sept. 1, 1916	"	2,000.00
" "	Sept. 1, 1913	Sept. 1, 1917	"	2,000.00
" "	Sept. 1, 1913	Sept. 1, 1918	"	2,000.00
West Foster St. Macadam	Aug. 20, 1914	Aug. 20, 1915	8256	1,000.00
" "	Aug. 20, 1914	Aug. 20, 1916	"	1,000.00
" "	Aug. 20, 1914	Aug. 20, 1917	"	700.00
Richardson Road Macadam	Sept. 10, 1914	Sept. 10, 1915	7268	1,500.00
Richardson Road Macadam	Sept. 10, 1914	Sept. 10, 1916	"	1,000.00
Shelter Ell Pond Park	Aug. 20, 1914	Aug. 20, 1915	8484	500.00
" " " "	Aug. 20, 1914	Aug. 20, 1916	"	500.00
" " " "	Aug. 20, 1914	Aug. 20, 1917	"	400.00
Funding Cemetery	Nov. 15, 1914	Nov. 15, 1915	8193	3,000.00
" Trust Fund	Nov. 15, 1914	Nov. 15, 1916	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1917	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1918	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1920	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1921	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1922	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1923	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1924	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1925	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1926	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1927	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1928	"	2,000.00
" "	Nov. 15, 1914	Nov. 15, 1929	"	2,000.00
Continuous Sidewalks	Dec. 1, 1914	Dec. 1, 1915	8254	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1916	"	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1917	"	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1918	"	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1919	"	2,000.00
Care and Maintenance } of trees	July 7, 1913	July 7, 1915	7688	1,000.00
	July 7, 1913	July 7, 1916	"	1,000.00
High School Walks	Sept. 12, 1913	Sept. 12, 1915	7844	400.00

 \$122,472.00

W. R. LAVENDER,
City Treasurer.

Report of Sinking Fund Commissioners

Melrose, Mass., Feb. 15, 1915

*The Honorable, The Mayor and Board of Aldermen,
Melrose, Mass.*

Gentlemen:—We submit herewith our report of the operations of the Sinking Funds for the year 1914.

EDWARD J. KITCHING,
EVERETT L. FULLER,
FRANKLIN P. SHUMWAY,

Sinking Fund Commissioners

Melrose, Dec. 31, 1914.

STATEMENT SHOWING RECEIPTS AND PAYMENTS ON ACCOUNT OF WATER LOAN SINKING FUND FOR THE YEAR 1914

Balance Cash in Bank Jan. 1, 1914..... \$54.09

Receipts

From coupons.....	\$2,448.90	
Interest accrued and on notes.....	326.87	
" on Bank deposits.....	8.14	
Bonds and Notes matured, viz.:		
1 New York, N. H. & H. R. R., No. 662.....	1,000.00	
1 Fitchburg R. R., No. 7871.....	1,000.00	
1 Lynn, Mass., No. 3097.....	1,000.00	
1 Lawrence, Mass., No. 86.....	1,000.00	
1 Chicopee, Mass., No. 203.....	1,000.00	
City of Melrose note, Sept. 12, 1913.....	500.00	
Bonds and Notes sold to School Fund:		
32-100 Chicago, Jan. 1, 1916, No. 642 at \$99.79 (cost)...	319.33	
Note City of Melrose, Sept. 12, 1914.....	500.00	\$9,103.24
		<hr/>
		\$9,157.33

REPORT OF SINKING FUND COMMISSIONERS 141

Payments

Expense, rent safe deposit.....	\$15.00	
Bonds and Notes bought viz.:		
Feb. 4. E. H. Rollins & Co., 1 Adams, Mass., 4%, Oct. 1, 1916, No. 10 at 99.88.....	\$998.80	
Mar. 30. R. L. Day & Co., 1 Troy, N. Y., 4½%, Mar. 1, 1916, No. 10, at 100.73 registered.....	1,007.30	
May 8. Wm. A. Adams & Co., 1 Chicago, Ill., 4%, Jan. 1, 1916, No. 641, at 99.79.....	997.90	
May 8. Wm. A. Adams & Co., 32-100 Chicago, Ill., 4%, Jan. 1, 1916, No. 642, at 99.79.....	319.33	
July 20. Estabrook & Co., 1 Melrose School 4%, Feb. 24, 1916, No. 94 at par.....	1,000.00	
Sept. 19. City of Melrose, 3 notes, Sept. 10, 1914, interest at 4½% due 1 year.....	\$500.00	
2 years.....	500.00	
3 years.....	400.00	
Dec. 18. R. L. Day & Co., 3 Dakota & Gt. So. R. R., 5% Jan. 1, 1916, No. 136, 386-87, at 100½.....	3,015.00	
Accrued interest on bonds bought.....	146.94	8,900.27
Balance Dec. 31, 1914 on deposit Melrose Nat. Bank.....		\$257.06

W. R. LAVENDER,

Treasurer

Melrose, Dec. 31, 1914.

STATEMENT SHOWING RECEIPTS AND PAYMENTS ON ACCOUNT OF SURFACE DRAINAGE LOAN SINKING FUND FOR YEAR 1914

Balance Cash in Bank Jan. 1, 1914..... \$229.20

Receipts

From Coupons.....	\$1,290.60	
Interest, accrued and on notes.....	271.92	
“ on Bank deposits.....	7.65	
Bonds and Notes matured, viz:		
1 New York, N. H. & H. R. R., No. 1043.....	1,000.00	
3 West End St. Ry., Nos. 1575, 1678, 1679.....	3,000.00	
Bonds and Notes sold, viz.:		
To School Fund 28-100 Chicago, Jan. 1, 1916, No. 642.....	279.41	
City of Melrose appropriation for 1914.....	6,181.59	
“ “ premium on Bonds sold.....	46.50	12,077.67
		<u>\$12,306.87</u>

CITY OF MELROSE

Payments

Expense, rent safe deposit.....	\$10.00	
Bonds and Notes bought, viz.:		
Feb. 4. E. H. Rollins & Co., 1 Adams, Mass., 4%, Oct. 1, 1916, No. 9, at 99.88.....	\$998.80	
Mar. 20. R. L. Day & Co., 3 Wilkesbarre, Pa., 3½%, Feb. 1, 1916, No. 147-148 144 at 98.86.....	2,965.80	
Mar. 30. R. L. Day & Co., ½ Troy, N. Y., 4½%, Mar. 1, 1916, No. 12, at 100.73.....	503.65	
May 8. W. A. Read & Co., 28-100 Chicago, Ill., 4%, Jan. 1, 1916, No. 642, at 99.79.....	279.41	
July 20. School Fund, ½ Troy, N. Y., 4½%, Mar. 1, 1916, No. 12.....	500.00	
Dec. 8. Hornblower & Weeks, 6 Dakota & Gt. So. R. R., Jan. 1, 1916, No. 1030, 1026, 1028, 5%.....	6,028.14	
Dec. 18. R. L. Day & Co., ½ Dakota & Gt. So. R. R., 5%, Jan. 1, 1916, No. 2662, at 100.½.....	502.50	
Interest accrued on Bonds bought.....	183.41	\$11,971.71
Balance Dec. 31, 1914 on deposit Melrose Nat. Bank.....		\$385.16

W. R. LAVENDER,

Treasurer

Melrose, Dec. 31, 1914.

STATEMENT SHOWING RECEIPTS AND PAYMENTS ON ACCOUNT
OF SEWER LOAN SINKING FUND FOR THE YEAR 1914

Balance Cash in Bank Jan. 1914..... \$191.19

Receipts

From Coupons.....	\$8,117.60	
Interest accrued and on Notes.....	1,254.69	
on Bank deposits.....	22.44	
Bonds and Notes matured, viz.:		
4 New York, N. H. & H. R. R., Nos. 363, 663, 665....	\$4,000.00	
1 Wellesley, No. A29.....	1,000.00	
1 West End. St. Ry., No. 1364.....	1,000.00	
5 Syracuse, N. Y., No. 56-60.....	5,000.00	
City of Melrose, note Sept. 12, 1913.....	2,000.00	
" note Sept. 12, 1913.....	900.00	
1 Chicopee, No. 204.....	1,000.00	
City of Melrose, note Dec. 3, 1913.....	1,000.00	
" part note Dec. 18, 1913.....	250.00	
" note Dec. 26, 1913.....	1,600.00	
Bonds and Notes sold,		
To School Fund:		
13-100 Chicago, Jan. 1, 1916, No. 642, at cost 99.79	129.73	
City of Melrose, sewer assessments collected.....	3,104.30	30,378.76
		\$30,569.95

Payments

Expense, rent safe deposit.....	\$25.00	
Bonds and Notes bought, viz:		
Feb. 4. R. L. Day & Co., 6 Los Angeles, Cal., 4½%, Dec. 1, 9117, No. 7485-90.....	6,000.00	
Mar. 20. R. L. Day & Co., 3 Wilkesbarre, Pa., 3½%, Feb. 1, 1916, No. 141-143, at 98.86.....	\$2,965.80	
Apr. 6. R. L. Day & Co., 1 Augusta, Me., 4%, Feb. 15, 1916, No. 186, at 98.7-8.....	998.75	
May 8. W. A. Read & Co., ½ Chicago, 4%, Jan. 1, 1916, No. 643, at 99.79.....	498.95	
W. A. Read & Co., 13-100 Chicago, 4%, Jan. 1, 1916, No. 642, at 99.79.....	129.73	
June 4. W. A. Read & Co., 1 Chicago, 4%, Jan. 1, 1916, No. 644, at 99.79..	997.90	
June 30. School Fund, ½ Chicago, 4%, Jan. 1, 1916, No. 643, at 99.79.....	498.95	
July 14. W. A. Read & Co., 5 Chicago, 4%, Jan. 24, 1916, No. 645-649, at 99.79.....	4,989.50	
July 20. Estabrook & Co., 2 School, 4%, Feb. 24, 1916, No. 76-77.....	2,000.00	
Sept. 19. City of Melrose at 5%, 5 notes:		
Sept. 10, 1914, 1 year at 5%.....	500.00	
Sept. 10, 1914, 1 year at 4½%.....	1,500.00	
Sept. 10, 1914, 2 years at 4½%.....	1,000.00	
Aug. 20, 1914, 3 years at 4½%.....	700.00	
Aug. 20, 1914, 1 year at 4½%.....	500.00	
Dec. 18. R. L. Day & Co., 4 Dakota & Gt. So. R. R., 5% Jan. 1, 1916, No. 291-294, at 1.00½.....	4,020.00	
R. L. Day & Co., ½ Dakota & Gt. So. R. R., 5% Jan. 1, 1916, No. 2662, at 1.00½.....	502.50	
Accrued interest on bonds bought.....	245.49	28,072.57
Balance Dec. 31, 1914, on deposit Melrose Nat. Bank.....		\$2,497.38

W. R. LAVENDER,
Treasurer

Melrose, Dec. 31, 1914

STATEMENT SHOWING RECEIPTS AND PAYMENTS ON ACCOUNT
OF SCHOOL LOAN SINKING FUND FOR THE YEAR 1914

Balance Cash in Bank Jan. 1, 1914..... \$97.79

Receipts

From Coupons.....	\$6,580.40
Interest, accrued and on notes.....	884.86
“ on Bank deposits.....	23.86
City of Melrose, appropriation for 1914.....	8,316.00
Bonds and notes matured, viz:	
3 New York, N. H. & H. R. R., No. 354, 355, 449.....	3,000.00
1 Marblehead, No. 74.....	1,000.00

CITY OF MELROSE

City of Melrose, Note Sept. 26, 1912.....	1,000.00	
" " Note Dec. 9, 1909.....	1,000.00	
" " part Note Dec. 18, 1913.....	1,250.00	
Bonds and Notes sold, viz:		
To Sewer Fund..		
½ Chicago, Jan. 1, 1916, No. 643, at 99.79.....	498.95	
To Surf. Drainage Fund, ½ Troy, N. Y., Mch. 1, 1916,		
No. 12.....	500.00	24,054.07
		<hr/>
		\$24,151.86

Payments

Expense, rent safe deposit.....	\$25.00	
Bonds and Notes brought, viz:		
Feb. 4. E. H. Rollins & Son, 3 Cleveland, O., 4%, Aug. 1,		
1916, No. 28204-28206, at 99.77.....	2,993.10	
Mar. 30. R. L. Day & Co., 1 Troy, N. Y., 4½%, Mar. 1, 1916,		
No. 11, at 100.73.....	1,007.30	
Mar. 30. R. L. Day & Co., ½ Troy, N. Y., 4½%, Mar. 1,		
1916, No. 12, at 100.73.....	503.65	
May 8. W. A. Read & Co., ½ Chicago, 4%, Jan. 1, 1916,		
No. 643, at 99.79.....	498.95	
W. A. Read & Co., 27-100 Chicago, 4%, Jan. 1,		
1916, No. 642, at 99.79.....	269.43	
W. A. Read & Co., 1 Chicago, 4%, Jan. 1, 1916,		
No. 650, at 99.79.....	997.90	
June 30. Water Fund, 32-100, Chicago, 4%, Jan. 1, 1916,		
No. 642, at 99.79.....	319.33	
Sewer Fund, 13-100, Chicago, 4%, Jan. 1, 1916,		
No. 642, at 99.79.....	129.73	
Surface Drainage Fund, 28-100 Chicago, 4%,		
Jan. 1, 1916, No. 642, at 99.79.....	279.41	
July 20. Estabrook & Co., 1 Melrose School, 4%, Feb. 24,		
1916, No. 78.....	1,000.00	
Sept. 19. City of Melrose 2 Notes, 4½%:		
Aug. 20, 1914, 1 year.....	1,000.00	
Aug. 20, 1914, 2 years.....	1,000.00	
Sept. 26. City of Melrose Note, 4½%, Sept. 10, 1914, 1 year	1,500.00	
Dec. 4. Curtis & Sanger, 8 Dubuque, Iowa, 4%, Feb. 1,		
1916, No. 74, 75, 77-78, 87-89, 91.....	7,955.20	
Dec. 8. Hornblower & Weeks, 2 Dakota & Gt. So. R. R.,		
Jan. 1, 1916, No. 498, 499, at 100½.....	2,009.36	
Dec. 18. R. L. Day & Co., 1 Dakota & Gt. So. RR. 5%,		
Jan. 1, 1916, No. 2666, at 100½.....	1,005.00	
Interest accrued and on bonds bought.....	234.32	22,727.68
		<hr/>
Less note bought omitted above.....		\$1,424.18
Feb. 2. City of Melrose 4%, Jan. 31, 1914, 1 year.....		1,000.00
		<hr/>
Balance Dec. 31st on deposit Melrose Nat. Bank.....		424.18

W. R. LAVENDER,

Treasurer

Report of Cemetery Committee

To the Honorable Mayor and Board of Aldermen.

Gentlemen:—The Cemetery Committee respectfully submit their report of the receipts and expenditures for the Cemetery Department during the year ending Dec. 31, 1914.

Receipts.

Dressing	\$53.50	
Foundations	291.50	
Graves, single	198.00	
Interments	760.00	
Labor, grading lots, etc.	114.50	
Lots, care of	1,939.04	
Lots, care of, Perpetual Trust	1,319.28	
Lots, sale of	2,577.40	
Sundries	15.50	
Vaults, slate	420.00	\$7,688.72

Expended—Maintenance

Salary of Clerk	\$36.00	
Salary of Committee	75.00	
Salary of Superintendent	1,275.00	
Bond of Superintendent	3.00	
Leavitt, M. D., Clerical Services	40.60	
Pay Rolls, employees and teaming	4,222.17	
Cement	43.51	
Dressing	116.00	
Freight and teaming	36.79	
Fuel	18.40	
Miscellaneous	25.80	
Paints and Oils	13.35	
Plants, seeds and shrubs	97.91	
Postage, printing and stationery	46.15	
Stove and pipes, office	17.00	
Sharpening tools	21.80	
Slate Vaults	122.25	-
Telephones	45.56	
Tools	95.80	
Claim damages, Ryan	43.75	\$6,395.84

CITY OF MELROSE

Improvements

Gravel and Loam	\$81.40	
Marker, signs and grates	92.50	
Teaming, gravel and loam	219.73	
Water System, extension	201.09	\$594.72
		<hr/>
Total Expenditures		\$6,990.56
Receipts exceed payment \$698.16		

Respectfully submitted,
WILLIS C. GOSS, *Chairman*
L. H. KUNHARDT
JOSEPH D. LORD

Report of the City Auditor of the City of Melrose

To His Honor, the Mayor and the Board of Aldermen:—

Gentlemen:—I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January, 1914, and ending of the financial year on the thirty-first day of December, 1914, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds are payable, together with a schedule of the City property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the public library, and find proper vouchers for, and bank books showing balances as reported by them on pages 90 to 91 of their report.

Respectfully submitted,

EDWIN C. GOULD,

City Auditor.

City of Melrose, Auditor's Office.

FINANCES.

The assessed valuation of the City, April 1, 1914 was:

Real Estate.....	\$15,961,250.00
Personal estate including resident bank stock.....	2,606,080.00
Total valuation.....	\$18,567,330.00
Increase in valuation from April 1, 1913 to April 1, 1914.....	563,805.00
Number of dwelling-houses April 1, 1914....	3,674
Number of assessed polls.....	4,685
Population.....	17,037
Rate of taxation per \$1,000 April 1, 1914, \$21.70 was divided as follows:—viz.:	
City tax.....	\$11.77
County tax.....	.80
State tax.....	1.67
State Metropolitan Park tax.....	.57
State Metropolitan Sewer tax.....	.94
Charles River Basin tax.....	.10
Interest on loans and Sinking Funds.....	5.29
Overlays.....	.56
	<hr/>
	\$21.70

BONDED DEBT DEC. 31, 1914.

Total outstanding bonds, Dec. 31, 1913....	\$987,000.00
Increase:	
<i>New Bonds</i> Sewer Bonds.....	\$20,000.00
Surface Drainage Bonds.....	20,000.00
Water Bonds.....	25,000.00
	<hr/>
	65,000.00
	<hr/>
	\$1,052,000.00
Decrease:	
<i>Notes Paid</i> Auditorium.....	\$3,000.00
Park.....	2,500.00
Sewer.....	500.00
Water.....	8,500.00
	<hr/>
	14,500.00
Total outstanding bonds Dec. 31, 1914....	\$1,037,750.00
Increase \$50,500.00	

Municipal and Permanent Notes

Total outstanding Notes Dec. 31, 1913.....	\$101,651.70
Increase:	
Municipal Notes 1 year.....	\$12,300.00
Permanent Notes over 1 year.....	22,600.00
Permanent Refunding Trust Funds.....	31,000.00
	<hr/>
	65,900.00
	<hr/>
	\$167,551.70

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Decrease:

Municipal Notes	\$25,979.70	
Permanent Notes	11,800.00	37,779.70
Total outstanding Notes Dec. 31, 1914.....		<u>\$129,772.00</u>
Increase \$28,120.30		

CITY OF MELROSE, MUNICIPAL DEBT DEC. 31, 1914.

Municipal Debt Notes.

Notes due in 1915	\$15,300.00
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Permanent Debt Notes.

Notes due in 1915	\$22,172.00	
“ “ “ 1916	23,850.00	
“ “ “ 1917	16,150.00	
“ “ “ 1918	12,050.00	
“ “ “ 1919	8,050.00	
“ “ “ 1920	5,050.00	
“ “ “ 1921	5,050.00	
“ “ “ 1922	5,050.00	
“ “ “ 1923	5,050.00	
“ “ “ 1924	2,000.00	
“ “ “ 1925	2,000.00	
“ “ “ 1926	2,000.00	
“ “ “ 1927	2,000.00	
“ “ “ 1928	2,000.00	
“ “ “ 1929	2,000.00	114,472.00
Debt Dec. 31, 1914		<u>\$129,772.00</u>

BONDED DEBT DEC. 31, 1914

Auditorium Bonds

Melrose Auditorium Loan 1911, dated July 1, 1911, \$3,000 due each year, 1915 to 1916 at 4%	\$6,000.00	
\$2,000 due each year 1917 to 1931 inclusive, 4%	30,000.00	36,000.00

Park Bonds.

Melrose Park Loan, 1911-due Nov. 1, 1915..	1,500.00	
\$1,000 due each year, 1916 to 1921, inclusive at 4½%	6,000.00	
Melrose Park Loan, 1912, due Dec. 1, 1915 to 1921, \$1,000 due each year	7,000.00	\$14,500.00

School House Bonds.

Melrose School House Loan, due Feb. 24, 1916, at 4%	\$200,000.00	
Due March 1, 1929 at 3½%	78,000.00	\$278,100.00

Sewer Bonds.

Melrose Sewer Loan:

Due May 1, 1915 to 1932, Serial at 4%, \$500 each year.....	\$10,000.00	
Due Sept. 1, 1915 to 1933, Serial at 4%, \$500 each year.....	\$9,500.00	
Due June 1 1917, at 4%.....	50,000.00	
Due June 1, 1924 at 4%.....	100,000.00	
Due June 1, 1925 at 4%.....	100,000.00	
Due July 1, 1926, at 4%.....	50,000.00	
Due July 1, 1935, at 4%.....	10,000.00	
Due June 1, 1937, at 4%.....	10,000.00	
Due July 1, 1937, at 4%.....	10,000.00	
Due July 1, 1938, at 4%.....	10,000.00	
Due June 1, 1939, at 3½%.....	10,000.00	
Due April 1, 1940, at 4%.....	10,000.00	
Due May 1, 1941, at 4%.....	5,000.00	
Due Nov. 1, 1941, at 4%.....	5,000.00	
Due July 1, 1942, at 4%.....	10,000.00	399,500.00

Surface Drainage Bonds.

Melrose Surface Drainage Loan:

Due May 1, 1915 to 1934, Serial at 4%, \$500 each year.....	\$10,000.00	
May 1, 1916, at 4%.....	5,000.00	
Nov. 1, 1916, at 4%.....	5,000.00	
July 1, 1917, at 4%.....	5,000.00	
Nov. 1, 1919, at 4%.....	5,000.00	
July 1, 1920, at 4%.....	5,000.00	
Sept. 1, 1923, at 4%.....	10,000.00	
July 15, 1932, at 4%.....	100,000.00	\$145,000.00

Water Bonds.

Melrose Water Loan:

Due March 1, 1918. at 4%.....	35,000.00	
Aug. 1, 1922, at 4 %.....	10,000.00	
Feb. 1, 1923, at 4 %.....	5,000.00	
July 1, 1925, at 4%.....	38,000.00	
May 1, 1915 to 1916, at 4%, \$1,000 each year.....	2,000.00	
May 1, 1915 to 1920, at 4%, \$1,000 each year.....	6,000.00	
May 1, 1915 to 1924, at 4%, \$1,000 each year.....	10,000.00	
June 1, 1915 to 1932, at 3½%, \$2,000 each year.....	35,000.00	
July 1, 1915 to 1922, at 4%, \$1,000 each year.....	8,000.00	
Sept. 1, 1915 to 1923, at 4%, \$1,000 each year.....	9,000.00	
Nov. 1, 1915 to 1916, at 4%, \$1,000 each year.....	2,000.00	
Dec. 1, 1915 to 1923, at 4%, \$500 each year.....	4,500.00	\$164,500.00

Total Bonded Debt.....	\$1,037,500.00
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Sinking Funds.

School House Loan.....	\$198,224.18	
Sewer Loan.....	236,019.38	
Surface Drainage Loan.....	44,035.16	
Water Loan.....	68,057.06	546,335.78
Net Bonded Debt.....		<u>\$491,164.22</u>

Recapitulation of City Debt.

Municipal and Permanent Notes.....	\$129,772.00	
Net Bonded Debt.....	491,164.22	\$620,936.22

Debt Statement.

Total Debt Dec. 31, 1913.....	\$580,357.43	
Increase.....	40,578.79	\$620,936.22
Increase in Notes.....	\$65,900.00	
Increase in Bonds.....	65,000.00	\$130,900.00
Decrease in Notes.....	37,779.70	
Decrease in Bonds.....	14,500.00	
Increase in Sinking Funds.....	38,041.59	\$90,321.21
Total Increase.....		<u>\$40,578.79</u>

CASH ACCOUNT FOR 1914.

(For details see Treasurer's Report.)

Cash on hand, Dec. 31, 1913.....	\$12,780.01	
Receipts.....	\$1,025,479.12	\$1,038,349.13
Payments.....		<u>1,021.663.09</u>
		\$16,686.04

ESTIMATED RECEIPTS.**Receipts.**

Transferred from sundry account.....	\$37,612.97
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Expended

Assessors' Warrant.....	\$55,006.38	
Order 8497, Auditorium, other expenses...	600.00	
Order 8534, Board of Control.....	22.00	
Order 8719, Collection of Ashes.....	139.32	
Overcharge to 1915.....		18,154.73
	<u>\$55,767.70</u>	<u>\$55,767.70</u>

TREASURY.**Receipts.**

Sealer of Weights and Measures.....	\$46.54
Unpledged Revenue.....	672.24
Excess of Deficiency.....	<u>1,700.14</u>

Expended.

Order 8200, Fire Alarm Box.....	\$125.00	
Order 8397, Fire Alarm Box.....	125.00	
Order 8338, Claim M. E. Green.....	200.00	
Order 8449, Fire Dept., bills of 1913.....	172.24	
Transferred to Estimated Receipts.....	46.54	
Order 8499, Police—Salaries and Wages..	50.00	
Order 8199, Claim John Levy.....	1,000.00	
Order 8629, Board of Control.....	25.00	
Overdraft of 1913.....	675.14	
	<hr/>	
	\$2,418.92	\$2,418.92

EXCESS AND DEFICIENCY

Receipts

Balance from 1913.....	\$6,497.03
Transfer sundry balances.....	4,265.68
Transfer Revenue Cash.....	106.23
Transfer Refunding Trust Fund.....	3,566.20

Expended

Transfer to Revenue Cash	\$57.40	
Order 8532, Fire Dept.....	1,300.00	
Order 8389, York Terrace.....	500.00	
Order 8508, Auto Warning Signs.....	100.00	
Order 8535, Surface Drainage	1,000.00	
Order 8575, Printing City Report.....	10.00	
Transfer to Municipal Indebtedness.....	34.42	
Order 8731, Brush Fires 1913.....	415.79	
Transfer to Treasury Account.....	1,700.14	
Transfer to E. Toothaker Fund.....	1,378.81	
Balance to 1915.....	7,938.58	
	<hr/>	
	\$14,435.14	\$14,435.14

LEDGER BALANCES.

Revenue

Cash.....		\$3,891.31
Taxes Uncollected, 1909.....	\$2.00	
" " 1910.....	5.80	
" Overpaid, 1911.....		48.15
" Uncollected, 1912.....	2,469.17	
" " 1913.....	48,303.18	
" " 1914.....	172,679.35	
Street Sprinkling Assessments.....	6,306.93	
Moth Assessments.....	249.76	
Sewer Assessment.....	6,283.72	
Apportioned Sewer Assessment.....	5,991.12	
Sidewalk Assessment.....	3,460.66	
Apportioned Sidewalk Assessment.....	2,405.48	
Street Betterment Assessment.....	673.42	

AUDITOR'S REPORT

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Apportioned Street Betterment Ass'm't..	1,841.49	
Water Rates Uncollected.....	7,900.77	
Tax Titles.....	134.43	
Tax Takings.....	12,801.87	
Real Estate taken by City.....	3,951.88	
Sewer Assessments taken by City.....	471.76	
Commonwealth of Mass.....	2,614.00	
Revenue, 1912.....		261.12
Revenue, 1913.....		4,860.34
Revenue, 1914.....		1,993.45
Estimated Receipts.....	18,154.73	
Unpledged Revenue Moth and Street Betterment.....		816.40
Moth Assessments Unpledged.....		242.50
Street Betterment Assessments Unpledged		585.10
Sidewalk Assessments Pledged when col- lected.....		5,134.73
Street Sprinkling Assessments Pledged when Collected.....		5,727.91
Sewer Assessments Pledged when Col- lected.....		6,216.06
Water Revenue.....		7,900.77
Water Income.....		7,315.51
Revenues Pledged when Collected 1912 and Prior.....		1,106.44
Excess and Deficiency.....		7,938.58
Overlays for Abatements 1913 and prior...		7,094.81
Overlays for Abatements 1914		3,548.88
Apportioned Sewer Assessments Balancing Account.....		5,991.12
Apportioned Sidewalk Assessments, Bal- ancing Account.....		2,989.46
Apportioned Street Betterment Assess- ments, Balancing Account.....		1,841.49
Temporary Loans (Taxes 1914).....		224,400.00
	<hr/>	<hr/>
	\$296,701.52	\$299,904.13

General Government.

Public Works:		
Survey of South East Section of City...		450.00
Placing Automobile Warning Signs....		52.50
City Hall:		
Plans and Specifications for New Vault Fixtures.....		48.95
Police Dept.:		
Ambulance Funds.....		1.96
Fire Dept.:		
Salaries and Wages.....		105.19
Horses and care of same.....		11.42
Equipment and Repairs.....		19.46
Repairs on Buildings.....		21.03
Other Expenses.....	51	
Purchase of Solid Rubber Tires.....		130.00
Fire Alarm Maintenance.....		4.40
Fire Alarm Boxes Order No. 8200.....		73.51

Sanitation

Collection of Ashes and Rubbish	139.32
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Highways:

Repairing	251.41
Individual Walks	303.75

Street Sprinkling	3,691.46
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Street Signs and Numbering93
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Stone Bounds	53.88
------------------------	-------

Construction Iron Fence, York Terrace	260.89
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Charity Dept.:

E. Toothaker Fund	1,378.81
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Soldiers' Benefits:

Military Aid	123.50
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Park Dept.:

Ell Pond Park Lighting	63.50
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Water Dept.:

Maintenance	1,063.30
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Interest	2,476.97
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Municipal Indebtedness	1,551.93
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Sinking Funds	39.45
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\$304,461.84	\$304,461.84
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Non Revenue.

Cash	\$20,577.35
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Loan Authorized	7,100.00
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Private Sewers (house connection)	168.33
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Sewer Construction	4,050.78
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Surface Drainage Construction	632.68
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Highways—Continuous Walks	6,084.42
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Cross Walks and Gutters	366.62
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Essex Street Construction	18.05
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East Foster Street Construction	500.00
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West Foster Street Construction98
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Main Street Construction20
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Church St., Mountain Ave. and Han-	
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cock Street Construction	113.20
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Spear Street Construction	2.03
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Dyer Ave. Extension	48.95
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Richardson Road Construction	2,500.00
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Pine Street Construction	176.03
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Grove Street Construction	2,800.00
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Corey Street Construction	2,800.00
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School—Inside Walks H. S. Grounds	1,252.69
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Parks—Acquiring and Grading Land	375.75
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Parks—Construction of Shelters	4.53
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Water Construction	3,491.73
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Tailing Account	184.70
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Cemetery, Trust Funds Uninvested	1,066.80
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Reserved on Contracts	459.93
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Water Loan Premium Fund	187.15
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Sewer Loan Premium Fund	193.40
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Surface Drainage Loan Premium Fund	146.90
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Continuous Walks Loan Premium Fund	51.50
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\$27,677.35	\$27,677.35
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Indebtedness.

Sewer Sinking Fund Commissioners.....	\$236,019.38	
Surface Drainage Sinking Fund Com.....	44,035.16	
School Sinking Fund Commissioners.....	198,224.18	
Water Sinking Fund Commissioners.....	68,057.06	
Net Bonded Debt Balancing Account....	620,936.22	
Municipal Loans.....		\$98,772.00
Auditorium Bonds.....		36,000.00
Park Bonds.....		14,500.00
School Bonds.....		278,000.00
Sewer Bonds.....		399,500.00
Surface Drainage Bonds.....		145,000.00
Water Bonds.....		164,500.00
Refunding Trust Funds Loan.....		31,000.00
	<hr/>	<hr/>
	\$1,167,272.00	\$1,167,272.00

Trust Funds.

Trust Funds Account.....	\$34,893.50	
Cemetery Trust Funds.....		\$34,893.50
	<hr/>	<hr/>
	\$34,893.50	\$34,893.50

Recapitulation

Revenue.....	\$304,461.84	\$304,461.84
Non Revenue.....	27,677.35	27,677.35
Indebtedness.....	1,167,272.00	1,167,272.00
Trust Funds.....	34,893.50	34,893.50
	<hr/>	<hr/>
	\$1,534,304.69	\$1,534,304.69

ASSETS AND LIABILITIES**Assets**

To amount invested in land, building, parks and other property.....	\$1,058,268.92
To amounts invested in Sinking Funds....	546,335.78
To amount invested in Sewer System....	463,994.75
To amount invested in Surface Drainage System.....	178,401.61
To amount invested in Water System....	452,502.08

Liabilities

Municipal Indebtedness:	
Bonds.....	\$1,037,500.00
Notes.....	129,772.00
Trust Funds.....	36,272.31
	<hr/>
	\$1,203,544.31
	<hr/>
	1,495,958.83
	<hr/>
	\$2,699,503.14
	<hr/>
	\$2,699,503.14

REVENUE.

Taxes of 1909—Balance Dec. 31, 1912....		\$2.00
Taxes of 1910—Balance Dec. 31, 1913....		5.80
Taxes of 1911—Balance Dec. 31, 1913....		3,027.37
Collected in 1914.....	\$2,026.57	
Abatements in 1914.....	440.01	
Real Estate Possessions Transferred...	608.94	
	<hr/>	
	\$3,075.52	
Cash Overpaid.....		48.15
Taxes of 1912—Balance Dec. 31, 1913....		46,285.54
Collected in 1914.....	\$34,653.42	
Abatements in 1914.....	1,378.47	
Takings Transferred.....	7,784.48	43,816.37
		<hr/>
Balance Dec. 31, 1914.....		\$2,469.17
Taxes of 1913—Balance Dec. 31, 1913....		157,942.94
Collected in 1914.....	106,642.06	
Abatements in 1914.....	2,997.70	109.639.76
		<hr/>
Balance Dec. 31, 1914.....		\$48,303.18
Taxes of 1914—Warrant.....		412,281.06
Additional.....		1,993.45
		<hr/>
		\$414,274.51
Collected in 1914.....	234,989.09	
Abatements in 1914.....	6,606.07	241,595.16
		<hr/>
Balance Dec. 31, 1914.....		\$172,679.35

STREET WATERING ASSESSMENTS.

1910—Balance Dec. 31, 1913.....		\$101.70
1911—Balance Dec. 31, 1913.....		29.34
Collected in 1914.....	\$19.64	
Abatements in 1914.....	6.72	26.36
		<hr/>
Balance Dec. 31, 1914.....		\$2.98
1912—Balance Dec. 31, 1913.....		1,615.80
Collected in 1914.....	851.94	
Takings in 1914.....	268.68	
Abatements in 1914.....	20.84	1,141.46
		<hr/>
Balance Dec. 31, 1914.....		\$474.34
1913—Balance Dec. 31, 1913.....		4,837.10
Additional.....		3.50
		<hr/>
		\$4,840.60
Collected in 1914.....	2,926.39	
Abatements in 1914.....	625.67	3,552.06
		<hr/>
Balance Dec. 31, 1914.....		\$1,288.54

AUDITOR'S REPORT

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1914—Warrant		\$9,995.29
Collected in 1914	\$5,483.57	
Abatements in 1914	72.35	5,555.92
		<hr/>
Balance Dec. 31, 1914		\$4,439.37

MOTH ASSESSMENTS.

1911—Balance Dec. 31, 1913		\$47.80
Collected in 1914	\$11.10	
Abatements in 1914	35.20	46.30
		<hr/>
Balance Dec. 31, 1914		\$1.50
1912—Balance Dec. 31, 1913		\$46.46
Collected in 1914	\$28.95	
Takings in 1914	11.75	40.70
		<hr/>
Balance Dec. 31, 1914		\$5.76
1913—Balance Dec. 31, 1913		\$481.90
Collected in 1914	\$230.30	
Abatements in 1914	83.00	313.30
		<hr/>
Balance Dec. 31, 1914		\$168.60
1914—Warrant		\$200.45
Additional		33.60
		<hr/>
		\$234.05
Collected in 1914		160.15
		<hr/>
Balance Dec. 31, 1914		\$73.90

SEWER ASSESSMENTS

1904—Suspended		\$112.30
Collected in 1914		112.30
		<hr/>
1908—Balance Dec. 31, 1912		\$19.14
No Collections		
1909—Suspended		\$171.30
Collected in 1914		171.30
		<hr/>
1910—Balance Dec. 31, 1913		\$50.25
Collected in 1914		5.16
		<hr/>
Balance Dec. 31, 1914		\$45.09
1911—Suspended		\$60.32
Collected in 1914		60.32
		<hr/>

1911—Balance Dec. 31, 1913.....		\$73.98
Collected in 1914.....		36.37
		<hr/>
Balance Dec. 31, 1914		\$37.61
1912—Balance Dec. 31, 1913.....		\$262.99
Collected in 1914.....	\$297.07	
Overpaid balance to 1915.....		34.08
1913—Balance Dec. 31, 1913.....		\$249.64
Collected in 1914.....		184.12
		<hr/>
Balance Dec. 31, 1914.....		\$65.52
1914—Warrant.....		\$2,991.43
Collected in 1914.....		163.30
		<hr/>
Balance Dec. 31, 1914.....		\$2,828.13

Apportioned.

1913—Balance Dec. 31, 1913.....		\$925.06
Collected in 1914.....		496.94
		<hr/>
Balance Dec. 31, 1914.....		\$428.12
1914—Balance Dec. 31, 1913.....		\$3,495.23
Collected in 1914.....		600.94
		<hr/>
Balance Dec. 31, 1914.....		\$2,894.29
1915—Balance Dec. 31, 1913.....		\$1,593.72
Collected in 1914.....		44.97
		<hr/>
Balance Dec. 31, 1914.....		\$1,548.75
1916—Balance Dec. 31, 1913.....		\$1,077.90
Collected in 1914.....		44.97
		<hr/>
Balance Dec. 31, 1914.....		\$1,032.93
1917—Balance Dec. 31, 1913.....		\$884.03
Collected in 1914.....		44.97
		<hr/>
Balance Dec. 31, 1914.....		\$839.06
1918—Balance Dec. 31, 1913		\$823.43
Collected in 1914.....		34.97
		<hr/>
Balance Dec. 31, 1914.....		\$788.46
1919—Balance Dec. 31, 1913.....		\$823.31
Collected in 1914.....		34.98
		<hr/>
Balance Dec. 31, 1914.....		\$788.33

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1920—Balance Dec. 31, 1913.....	\$431.65
Collected in 1914.....	24.24
	<hr/>
Balance Dec. 31, 1914.....	\$407.41
1921—Balance Dec. 31, 1913.....	\$274.57
Collected in 1914.....	11.15
	<hr/>
Balance Dec. 31, 1914.....	\$263.42
1922—Balance Dec. 31, 1913.....	\$165.36
1923—Balance Dec. 31, 1913.....	\$157.40

SIDEWALK ASSESSMENTS.

1910—Balance.....	\$4.91
1911—Balance Dec. 31, 1913.....	\$77.91
Collected in 1914.....	65.97
	<hr/>
Balance Dec. 31, 1914.....	\$11.94
1912—Balance Dec. 31, 1913.....	\$591.32
Collected in 1914.....	489.28
	<hr/>
Balance Dec. 31, 1914.....	\$102.04
1913—Balance Dec. 31, 1913.....	\$1,004.70
Collected in 1914.....	\$740.92
Abatements in 1914.....	98.14
	<hr/>
Balance Dec. 31, 1914.....	\$165.64
1914—Warrant.....	\$7,282.43
Less Apportioned.....	3,184.84
	<hr/>
	4,097.59
Collected in 1914.....	2,683.56
	<hr/>
Balance Dec. 31, 1914.....	\$1,414.03

Apportioned

1913—Balance Dec. 31, 1913.....	\$1,389.44
Collected in 1914.....	882.70
	<hr/>
Balance Dec. 31, 1914.....	\$506.74
1914—Balance Dec. 31, 1913.....	\$1,291.89
Additional in 1914.....	1,022.03
	<hr/>
	\$2,313.92
Collected in 1914.....	1,058.56
	<hr/>
Balance Dec. 31, 1914.....	\$1,255.36

1915—Balance Dec. 31, 1913.....	\$474.21
Additional in 1914.....	1,069.91
	<hr/>
Collected in 1914.....	\$1,544.12
	131.53
	<hr/>
Balance Dec. 31, 1914.....	\$1,412.59
1916—Assessments 1914.....	\$1,009.74
Collected in 1914.....	100.01
	<hr/>
Balance Dec. 31, 1914.....	\$909.73
1917—Assessments 1914.....	\$83.16

STREET BETTERMENTS—ASSESSMENTS.

1912—Balance Dec. 31, 1913.....	\$135.96
Collected in 1914.....	47.64
	<hr/>
Balance Dec. 31, 1914.....	\$88.32
1913—Balance Dec. 31, 1913.....	\$258.21
Collected in 1914.....	227.79
	<hr/>
Balance Dec. 31, 1914.....	\$30.42
1914—Warrant.....	\$1,442.95
Less Apportioned.....	555.73
	<hr/>
Total Assessment.....	\$887.22
Collected in 1914.....	557.56
	<hr/>
Balance Dec. 31, 1914.....	\$329.66
Apportioned	
1914—Balance Dec. 31, 1913.....	\$431.35
Collected in 1914.....	206.33
	<hr/>
Balance Dec. 31, 1914.....	\$225.02
1915—Balance Dec. 31, 1913.....	\$355.72
Additional in 1914.....	107.29
Collected in 1914.....	463.01
	<hr/>
Balance Dec. 31, 1914.....	31.17
	<hr/>
Balance Dec. 31, 1914.....	\$431.84
1916—Balance Dec. 31, 1913.....	\$291.56
Additional in 1914.....	107.29
Collected in 1914.....	\$398.85
	<hr/>
Balance Dec. 31, 1914.....	23.19
	<hr/>
Balance Dec. 31, 1914.....	\$375.66
1917—Balance Dec. 31, 1913.....	\$164.43
Additional in 1914.....	107.30
Collected in 1914.....	\$271.73
	<hr/>
Balance Dec. 31, 1914.....	9.53
	<hr/>
Balance Dec. 31, 1914.....	\$262.20

AUDITOR'S REPORT

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1918—Balance Dec. 31, 1913.....	\$164.44	
Additional in 1914.....	48.83	\$213.27
Collected in 1914.....		9.53
		<hr/>
Balance Dec. 31, 1914.....		\$203.74
1919—Balance Dec. 31, 1913.....	\$158.31	
Additional in 1914.....	37.15	\$195.46
Collected in 1914.....		9.53
		<hr/>
Balance Dec. 31, 1914.....		\$185.93
1920—Balance Dec. 31, 1913.....	\$126.48	
Additional in 1914.....	29.55	\$156.03
Collected in 1914.....		9.53
		<hr/>
Balance Dec. 31, 1914.....		\$146.50
1921—Balance Dec. 31, 1913.....	\$126.83	
Additional in 1914.....	29.55	\$156.38
Collected in 1914.....		9.53
		<hr/>
Balance Dec. 31, 1914.....		\$146.85
1922—Assessments in 1914.....		\$29.55
1923—Assessments in 1914.....		29.55
1924—Assessments in 1914.....		29.67

WATER RATES

1911 and prior—Balance Dec. 31, 1913...	\$1,342.72
Collected in 1914.....	271.77
	<hr/>
Balance Dec. 31, 1914.....	\$1,070.95
1912—Balance Dec. 31, 1913.....	\$502.52
Collected in 1914.....	260.75
	<hr/>
Balance Dec. 31, 1914.....	\$241.77
1913—Balance Dec. 31, 1913.....	\$6,860.83
Collected in 1914.....	6,837.19
	<hr/>
Balance Dec. 31, 1914.....	\$23.64
1914—Assessment 1914.....	\$45,761.56
Collected in 1914.....	39,197.15
	<hr/>
Balance Dec. 31, 1914.....	\$6,564.41

TAX TITLES.

Balance Dec. 31, 1913.....	\$134.43
No Collections	

CITY OF MELROSE

Tax Takings.

Balance Dec. 31, 1913.....	\$10,633.79	
Additional in 1914.....	8,064.91	\$18,698.70
Collected in 1914.....		5,896.83
		<hr/>
Balance Dec. 31, 1914.....		\$12,801.87

Real Estate Taken by City.

Balance Dec. 31, 1913.....	\$3,342.94
Additional in 1914.....	608.94
	<hr/>
Balance Dec. 31, 1914.....	\$3,951.88

Sewer Assessments Takings.

Balance Dec. 31, 1913.....	\$471.76
No. Collections	

COMMONWEALTH OF MASSACHUSETTS.

Balance Dec. 31, 1913.....	\$2,749.50
Pay Rolls, State Aid—1914.....	2,464.00
Soldiers' Burial.....	150.00
	<hr/>
Cash received Nov., 1914.....	\$5,363.50
	2,749.50
	<hr/>
Balance Dec. 31, 1914.....	\$2,614.00
Payable November, 1915	

Grants and Gifts.

Middlesex County—Dog Tax.....	\$1,284.80
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Expended.

Transferred to Estimated Receipts.....	\$1,284.80	
	<hr/>	<hr/>
	\$1,284.80	\$1,284.80

Estimated Receipts.

Balance Dec. 31, 1913.....	\$465.58
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Expended

Transferred to Municipal Indebtedness..	\$465.58	
	<hr/>	<hr/>
	\$465.58	\$465.58

Departmental, General Government

ALDERMEN—Salaries and Wages.

Receipts.

Appropriation	\$600.00
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Expended

Clerk of Committees	\$600.00	
	<hr/>	<hr/>
	\$600.00	\$600.00

Other Expenses.

Receipts

Appropriation	\$300.00
Revenue—1914	200.00

Advertising	\$2.00	
Auto for Committee	31.00	
Books and Stationery	63.67	
Inaugural	91.50	
Miscellaneous	23.70	
Printing Particular Account	48.00	
Portraits	110.00	
Printing	58.66	
Posting Notices	51.62	
Balance to Excess and Deficiency	16.59	
	<hr/>	<hr/>
	\$500.00	\$500.00

MAYOR—Salaries and Wages.

Receipts

Appropriation	\$1,300.00
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Expended

Salary of Mayor	\$1,000.00	
Salary of Clerk	300.00	
	<hr/>	<hr/>
	\$1,300.00	\$1,300.00

Other Expenses

Receipts

Appropriation	\$190.00
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CITY OF MELROSE

Expended

Printing Inaugural.....	\$30.00	
Carpet.....	60.00	
Miscellaneous.....	5.75	
Printing, Stationery and Postage.....	44.27	
Telephone.....	35.23	
Balance to Excess and Deficiency.....	14.72	
	<u>\$190.00</u>	<u>\$190.00</u>

AUDITOR—Salaries and Wages**Receipts.**

Appropriation.....	\$1280.00
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Expended

Salary Auditor.....	\$500.00	
Salary Asst. Auditor.....	780.00	
	<u>\$1,280.00</u>	<u>\$1,280.00</u>

Other Expenses**Receipts**

Appropriation.....	\$100.00
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Expended

Books, Stationery and Office Supplies....	\$94.42	
Express.....	.44	
Balance to Excess and Deficiency.....	5.14	
	<u>\$100.00</u>	<u>\$100.00</u>

TREASURER—Salaries and Wages.**Receipts**

Appropriation.....	\$1,200.00
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Expended

Salary Treasurer.....	\$1,200.00	
	<u>\$1,200.00</u>	<u>\$1,200.00</u>

Other Expenses**Receipts**

Appropriation.....	\$450.00	
Cash Telephone Call.....	.05	\$450.05

AUDITOR'S REPORT

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Expended

Official Bond	\$120.00	
Carriage Hire Pay Days	43.00	
Books, Stationery and Office Supplies	159.81	
Miscellaneous	39.75	
Postage	59.26	
Telephone	27.65	
Balance to E. & D. . . . .	.58	
	<hr/>	
	\$450.05	\$450.05

COLLECTOR—Salaries and Wages

Receipts

Appropriation	\$2,320.00
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Expended

Salary Collector	\$1,000.00	
Salary Clerks	1,316.00	
Balance to Excess and Deficiency	4.00	
	<hr/>	
	\$2,320.00	\$2,320.00

Other Expenses

Receipts.

Appropriation	\$1,575.00
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Expended.

Official Bond	\$125.00	
Advertising	383.77	
Attorney preparing Notices of Takings and Deeds	255.00	
Books, Stationery and Office Supplies	105.45	
Distributing Summons	33.74	
Distributing Tax Bills	65.00	
Furniture—File Cases	64.00	
Miscellaneous	25.70	
Postage	152.24	
Printing Tax Bills	44.08	
Recording Takings	258.55	
Telephone	28.02	
Balance to Excess and Deficiency	34.45	
	<hr/>	
	\$1,575.00	\$1,575.00

ASSESSORS—Salaries and Wages.

Receipts

Appropriation	\$2,350.00
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Expended

Salaries of Assessors and Assistants.....	\$1,287.09	
Salary of Clerk.....	1,000.00	
Balance to Excess and Deficiency.....	62.91	
	<hr/>	<hr/>
	\$2,350.00	\$2,350.00

Other Expenses**Receipts**

Appropriations.....	\$715.00
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Expended

Abstracts of Deeds—Transfer and Probate	\$82.17	
Books, Stationery and Office Supplies....	79.62	
Advertising.....	5.00	
Use of Automobile.....	75.00	
Car Fares.....	4.64	
Clerical Service.....	20.00	
Copying.....	40.75	
Furniture—Cabinet Case.....	61.25	
Miscellaneous.....	19.40	
Postage.....	9.00	
Printing Poll Book	292.75	
Telephone.....	25.18	
Balance to Excess and Deficiency.....	.24	
	<hr/>	<hr/>
	\$715.00	\$715.00

OTHER FINANCIAL OFFICES**Receipts**

Appropriation.....	\$200.00
Salary of Treasurer of Sinking Fund Commissioners.....	\$200.00
	<hr/>
	\$200.00

CERTIFICATION, OF BONDS AND NOTES**Receipts**

Appropriation.....	\$500.00	
Cash from Premium.....	550.00	\$1,050.00

Expended

Old Colony Trust Co.—Certification....	\$958.33	
Transferred to Main St. Premium Fund..	75.00	
Balance to Excess and Deficiency.....	16.67	
	<hr/>	<hr/>
	\$1,050.00	\$1,050.00

CITY CLERK—Salaries and Wages

Receipts

Appropriation		\$1,800.00
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Expended

Salary Clerk	\$1,200.00	
Salary Asst. Clerk	600.00	
	<hr/>	<hr/>
	\$1,800.00	\$1,800.00

Other Expenses

Receipts

Appropriation		\$240.00
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Expended

Official Bond	\$4.00	
Books, Stationery and Office Supplies	32.22	
Car Fares	12.00	
Miscellaneous	40.07	
Postage and box rent	36.00	
Printing	57.00	
Telephone	52.71	
	<hr/>	<hr/>
	\$240.00	\$240.00

CITY SOLICITOR—LAW

Salaries and Wages

Receipts

Appropriation		\$800.00
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Expended

Salary of Solicitor	\$800.00	
	<hr/>	<hr/>
	\$800.00	\$800.00

Other Expenses

Receipts

Appropriation		\$25.00
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Expended

Physician's service at accident	\$10.00	
Balance to Excess and Deficiency	15.00	
	<hr/>	<hr/>
	\$25.00	\$25.00

ELECTION AND REGISTRATION—Salaries and Wages

Receipts

Appropriation	\$1,495.00
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Expended

Salaries of Registrars	\$400.00	
Salaries of Election Officers, State Prim. . .	315.00	
Salaries of Election Officers, State Elec. . .	315.00	
Salaries of Election Officers, City Elec. . .	320.00	
Salaries of Police Officers, State Primaries .	34.95	
Salaries of Police Officers, State Election. .	38.10	
Salaries of Police Officers, City Election. .	37.38	
Salaries of Police Officers, Registration. . .	11.40	
Balance to Excess and Deficiency	23.20	
	<hr/>	
	\$1,495.00	<hr/> \$1,495.00

Other Expenses

Receipts.

Appropriation	\$1,000.00
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Expended

Advertising and Printing	\$383.17	
Books and Stationery	11.55	
Clerical Service and Labor	83.00	
Fuel and Lights	18.03	
Meals	5.75	
Miscellaneous	151.49	
Postage	99.56	
Rent	200.00	
Balance to Excess and Deficiency	47.45	
	<hr/>	
	\$1,000.00	<hr/> \$1,000.00

PUBLIC WORKS OFFICE—Salaries and Wages

Receipts

Appropriation	\$2,800.00
-------------------------	------------

Expended

Salary of Engineer and Superintendent. . .	\$2,000.00	
Salary of Clerk	650.00	
Balance to Excess and Deficiency	150.00	
	<hr/>	
	\$2,800.00	<hr/> \$2,800.00

Other Expenses

Receipts

Appropriation	\$650.00
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AUDITOR'S REPORT

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Expended

Official Bond.....	\$6.00	
Books, Stationery and Office Supplies....	194.88	
Miscellaneous.....	16.80	
Postage and box rent.....	23.00	
Telephone.....	28.26	
Use of Automobile.....	381.06	
	<hr/>	<hr/>
	\$650.00	\$650.00

Survey South East Section of Melrose**Receipts**

Appropriation.....	\$650.00
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Expended

Paid bills on account of Survey.....	\$200.00	
Balance to 1915.....	450.00	
	<hr/>	<hr/>
	\$650.00	\$650.00

Auto Warning Signs near School**Receipts**

Transferred from Excess and Deficiency..	\$100.00
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Expended

Pay Roll.....	\$2.50	
Signs.....	45.00	
Balance to 1915.....	52.50	
	<hr/>	<hr/>
	\$100.00	\$100.00

ENGINEERING—Salaries and Wages**Receipts**

Appropriation.....	\$3,500.00
--------------------	------------

Expended

Pay Rolls.....	\$3,410.75	
Transferred to Continuous Walks.....	89.25	
	<hr/>	<hr/>
	\$3,500.00	\$3,500.00

Other Expenses

Receipts

Appropriation		\$325.00
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Expended

Books, Stationery and Supplies	\$130.29	
Grade Stakes	76.20	
Horse Hire	108.00	
Repairs	10.50	
Balance to Excess and Deficiency .....	.01	
	<hr/>	<hr/>
	\$325.00	\$325.00

CITY HALL—Salaries and Wages

Receipts

Appropriation	\$1,300.00
---------------------	------------

Expended

Pay Roll	\$1,271.66	
Transferred to Sewer Construction	8.59	
Balance to Excess and Deficiency	19.75	
	<hr/>	<hr/>
	\$1,300.00	\$1,300.00

Other Expenses

Receipts

Appropriation	\$1,800.00
---------------------	------------

Expended

Fuel and Lights	\$1,213.62	
Furniture Furnishing and Repairs	235.84	
Janitor's Supplies	58.00	
Miscellaneous	113.56	
Moving Piano	9.00	
Pay Roll	3.56	
Water Rates	166.42	
	<hr/>	<hr/>
	\$1,800.00	\$1,800.00

Plans and Specifications for New Vault Fixtures

Receipts

Balance from 1914	\$48.95
No expenditures	

AUDITOR'S REPORT

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AUDITORIUM—Salaries and Wages

Receipts

Appropriation	\$1,100.00
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Expended

Pay Rolls	\$1,097.55	
Balance to Excess and Deficiency	2.45	
	<hr/>	<hr/>
	\$1,100.00	\$1,100.00

Other Expenses

Receipts

Appropriation	\$1,000.00	
George O. W. Servis—Cash	718.60	
Estimated Receipts	600.00	\$2,318.60

Expended

Coal	502.56	
Electrics and Gas	338.71	
Furnishings and Repairs	100.15	
Janitor's Supplies	63.39	
Miscellaneous	32.38	
Pay Rolls—Help	651.13	
Loam, Sod, Seed and Dressing	48.09	
Storm Porch and raising Marquee	175.73	
Stock and Labor, Cleaning and Pointing building	195.58	
Labor on Vestibule	53.60	
Water Rates	19.85	
Transferred to Highway Repairing	15.93	
Transferred to Sewer Construction	46.68	
Overcharge—1913	60.65	
Balance to Excess and Deficiency	14.17	
	<hr/>	<hr/>
	\$2,318.60	\$2,318.60

Auditorium and Memorial Building—Construction

Balance from 1913	\$257.50
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Expended

A. B. Franklin—balance on heating	\$41.16	
MacDonald & Joslin Co., Construction	216.34	
	<hr/>	<hr/>
	\$257.50	\$257.50

PROTECTION OF PERSONS AND PROPERTY

POLICE DEPARTMENT—Salaries and Wages

Receipts

Appropriation	\$17,594.75	
Transferred from Equipment and Repairs	50.00	\$17,644.75

Expended

Pay Rolls	\$17,573.10	
Balance to Excess and Deficiency	71.65	
	<hr/>	<hr/>
	\$17,644.75	\$17,644.75

Horses and Care of Same

Receipts

Appropriation	\$425.00
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Expended

Board and care	\$368.00	
Shoeing	40.23	
Balance to Excess and Deficiency	16.77	
	<hr/>	<hr/>
	\$425.00	\$425.00

Equipment and Repairs

Receipts

Appropriation	\$350.00
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Expended

Bicycle	\$38.00	
Cushions	13.19	
Desk	35.00	
Equipment for men	57.79	
Fingerprint Outfit and Table	18.50	
Repairs on Vehicle and Harness	118.75	
Telephone Set	5.05	
Pails, Ropes, etc.	12.14	
Transferred to other expenses	50.00	
Balance to Excess and Deficiency	1.58	
	<hr/>	<hr/>
	\$350.00	\$350.00

Other Expenses

Receipts

Appropriation	\$300.00	
Transferred from Equipment and repairs	50.00	\$350.00

AUDITOR'S REPORT

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Expended

Books, Stationery and Office Supplies . . .	\$85.99	
Car Fares	30.29	
Meals	35.34	
Medical Attendance and Medicine	10.30	
Miscellaneous	31.61	
Postage	3.10	
Telephone	131.61	
Use of Auto	3.00	
Balance to Excess and Deficiency	18.76	
	<hr/>	<hr/>
	\$350.00	\$350.00

Police Signal Boxes

Receipts

Balance from 1913	\$140.06	
Appropriation	300.00	\$440.06

Expended

Batteries	\$47.08	
Gamwell Fire Alarm Tel. Co.	35.84	
Horse Hire	1.50	
Malden Electric Co., Labor	157.68	
Miscellaneous	3.40	
Pay Roll	187.50	
Balance to Excess and Deficiency	7.06	
	<hr/>	<hr/>
	\$440.06	\$440.06

Signal Box, Order No. 8105

Balance from 1913	\$300.00
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Expended

Express	\$2.85	
Gamwell Fire Alarm Tel. Co. Box	150.00	
Pay Roll	17.50	
Pettingill, Andrews Co.	62.69	
Team	10.00	
Balance to Excess and Deficiency	56.96	
	<hr/>	<hr/>
	\$300.00	\$300.00

Police Ambulance

Receipts

Balance from 1913	\$2.11	
Cash for use of Ambulance	40.00	\$42.11

Expended

Repairs	\$40.15	
Balance to 1915	1.96	
	<u>\$42.11</u>	<u>\$42.11</u>

Purchase of Pulmotor, Order No. 8440

Receipts

Appropriation	\$190.00
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Expended

1 Drager Pulmotor	\$150.00	
2 Extra Oxygen Cylinders	35.00	
Balance to Excess and Deficiency	5.00	
	<u>\$190.00</u>	<u>\$190.00</u>

Fines and Profits

Receipts

Cash 1st District Court	\$107.03
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Expended

Expense of Patrol Wagon—Court to East Cambridge	\$15.20	
Transferred to Estimated Receipts	91.83	
	<u>\$107.03</u>	<u>\$107.03</u>

FIRE DEPARTMENT—Salaries and Wages

Receipts

Appropriation	\$14,556.00	
Transferred from Receipt from Bay State Street R. R.	255.00	\$14,811.00

Expended

Pay Roll	\$14,563.17	
Transferred to other expenses	125.00	
Transferred to 1915	105.19	
Balance to Excess and Deficiency	17.64	
	<u>\$14,811.00</u>	<u>\$14,811.00</u>

Horses and Care of Same**Receipts**

Appropriation	\$1,300.00	
Transferred from Receipts Bay State Street R. R.	85.00	\$1,385.00

Expended

Hay and Grain	\$1,047.50	
Horse Hire	76.00	
Shoeing	198.01	
Veternarian and Medicine	51.80	
Transferred to 1915	11.42	
Balance to Excess and Deficiency27	
	<hr/>	<hr/>
	\$1,385.00	\$1,385.00

Fuel and Lights**Receipts**

Appropriation		\$775.00
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Expended

Coal and Wood	\$518.11	
Electric Lights	69.22	
Gas	59.36	
Gasoline and Oil	108.85	
Miscellaneous	19.44	
Balance to Excess and Deficiency . . . . .	.02	
	<hr/>	<hr/>
	\$775.00	\$775.00

Equipment and Repairs**Receipts**

Appropriation	\$450.00	
Transferred from Receipts Bay State Street R. R.	191.00	
Transferred from new hose	26.00	\$667.00

Expended

Equipments	\$209.17	
Miscellaneous	15.68	
Repairs	370.05	
Supplies	51.43	
Transferred to 1915	19.46	
Balance to Excess and Deficiency	1.21	
	<hr/>	<hr/>
	\$667.00	\$667.00

CITY OF MELROSE

Repairs on Buildings

Receipts

Appropriation	\$250.00
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Expended

Bills paid	\$228.28	
Transferred to 1915	21.03	
Balance to Excess and Deficiency69	
	<u>\$250.00</u>	<u>\$250.00</u>

Other Expenses

Receipts

Appropriation	\$400.00	
Transferred from Salaries and Wages	125.00	\$525.00

Expended

Books, Stationery and Office Supplies	\$96.00	
Express	15.47	
Furniture, Bedding and Laundry	83.30	
Miscellaneous	42.50	
Supplies	188.37	
Telephone	99.87	
Overdraft to 191551
	<u>\$525.51</u>	<u>\$525.51</u>

Pension, Order No. 8384

Receipts

Appropriation	\$200.00
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Expended

pay Roll	\$129.44	
Balance to Excess and Deficiency	70.56	
	<u>\$200.00</u>	<u>\$200.00</u>

Special Account—Equipment and Repairs

Rubber Tire for Auto Chemical

Receipts

Balance from 1913	\$600.00
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AUDITOR'S REPORT

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Expended		
Bills Paid	\$470.00	
Balance to 1915.....	130.00	
	<hr/>	<hr/>
	\$600.00	\$600.00

Special Account—Unpaid Bill 1913— Order No. 8449

Receipts		
Transferred from Treasury		\$172.24
Expended		
Pay Rolls—Brush Fires	\$73.50	
Fuel and Lights.....	66.25	
Repairs on Building.....	10.86	
Other Expenses	21.63	
	<hr/>	<hr/>
	\$172.24	\$172.24

Special Account—Brush Fires—Order No. 8731

Receipts		
Transferred from Excess and Deficiency...		\$415.79
Expended		
Pay Rolls	\$402.13	
Balance to Excess and Deficiency	13.66	
	<hr/>	<hr/>
	\$415.79	\$415.79

Purchase of New Hose

Receipts		
Transferred from Excess and Deficiency....		\$1,300.00
Expended		
Boston Woven Hose Rubber Co.....	\$955.50	
Cornelius Callahan Co.....	318.50	
Transferred to Equipment and Repairs ..	26.00	
	<hr/>	<hr/>
	\$1,300.00	\$1,300.00

Fire Alarm Maintenance

Receipts		
Balance from 1913.....	\$54.45	
Wire sold	3.51	
Appropriation	1,000.00	\$1,057.9

Expended

Pay Roll—Salary of Electrician.....	\$658.20	
Electric Power.....	20.86	
Miscellaneous.....	12.92	
Repairs.....	59.22	
Supplies.....	120.40	
Team Hire.....	27.00	
Transferred to 1915.....	4.40	
Balance to Excess and Deficiency.....	154.96	
	<hr/>	<hr/>
	\$1,057.96	\$1,057.96

Fire Alarm Box, Order No. 8200

Wyoming Ave., between Whittier St. and Ravine Road.

Receipts

Transferred from Treasury.....	\$125.00
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Expended

Pay Roll.....	\$4.00	
Stock.....	42.49	
Team Hire.....	5.00	
Balance to 1915.....	73.51	
	<hr/>	<hr/>
	\$125.00	\$125.00

Fire Alarm Box, Order No. 8397

Wyoming Avenue, cor. Hurd Street

Receipts

Transferred from Treasury.....	\$125.00
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Expended

Express and Freight.....	\$2.83	
Labor.....	8.72	
Stock.....	81.66	
Team Hire.....	5.00	
Balance to Excess and Deficiency.....	26.79	
	<hr/>	<hr/>
	\$125.00	\$125.00

Fire Alarm Box, Order No. 8398

Warwick and Stevens Road

Receipts.

Appropriation.....	\$150.00
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AUDITOR'S REPORT

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Expended

Alarm box.....	75.34	
Labor.....	12.22	
Pay Roll.....	13.00	
Stock.....	44.51	
Team Hire.....	4.00	
Balance to Excess and Deficiency.....	.93	
	<hr/>	<hr/>
	\$150.00	\$150.00

INSPECTOR OF BUILDINGS—Salaries and Wages

Receipts

Appropriation.....	\$325.00
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Expended

Salary.....	\$300.00	
Postage, Printing and Stationery.....	22.50	
Balance to Excess and Deficiency.....	2.50	
	<hr/>	<hr/>
	\$325.00	\$325.00

INSPECTOR OF WIRES—Salary and Expenses

Receipts

Appropriation.....	\$365.00
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Expended

Salary.....	\$300.00	
Postage, Stationery, etc.....	31.81	
Miscellaneous.....	8.50	
Telephone.....	21.49	
Balance to Excess and Deficiency.....	3.20	
	<hr/>	<hr/>
	\$365.00	\$365.00

SEALER OF WEIGHTS AND MEASURES—Salaries and Expenses.

Receipts

Appropriation.....	\$675.00
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Expended

Salary.....	\$600.00	
Postage, Printing and Stationery, etc.....	3.55	
Weights and Measures.....	52.29	
Miscellaneous.....	12.83	
Balance to Excess and Deficiency.....	6.33	
	<hr/>	<hr/>
	\$675.00	\$675.00

BOARD OF CONTROL.

Receipts

Transferred from Estimated Receipts . . .	\$22.00	
Transferred from Treasury	25.00	\$47.00

Expended

Advertising	\$3.00	
Badges	26.25	
Balance to Excess and Deficiency	17.75	
	<hr/>	<hr/>
	\$47.00	\$47.00

FORESTRY

Brown Tail and Gypsy Moths

Receipts

Appropriation	\$1,500.00
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Expended

Pay Rolls	\$1,402.10	
Printing and Stationery	5.75	
Tools and Supplies	59.98	
Miscellaneous	16.50	
Rent	15.00	
Balance to Excess and Deficiency . . . . .	.67	
	<hr/>	<hr/>
	\$1,500.00	\$1,500.00

Brown Tail and Gypsy Moth—Private Work

Receipts

Balance from 1913	\$38.67
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Expended

Pay Rolls	\$38.40	
Balance to Excess and Deficiency27	
	<hr/>	<hr/>
	\$38.67	\$38.67

Other Insect Pests

Receipts

Appropriation	\$1,000.00
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AUDITOR'S REPORT

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Expended

Pay Rolls	\$691.78	
Insurance	146.00	
Tools and Supplies	94.05	
Miscellaneous	2.60	
Rent	15.00	
Repairs to Spraying Machine	50.21	
Balance to Excess and Deficiency36	
	<hr/>	<hr/>
	\$1,000.00	\$1,000.00

Care of Trees.

Receipts

Appropriation	\$1,000.00
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Expended

Pay Rolls	\$866.16	
Gravel	21.00	
Rent	15.00	
Stock	19.37	
Teams	78.40	
Balance to Excess and Deficiency07	
	<hr/>	<hr/>
	\$1,000.00	\$1,000.00

DOG OFFICERS.

Receipts.

Cash from County Treasurer	\$41.00
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Expended

Paid Officers for Killing Dogs	\$41.00	
	<hr/>	<hr/>
	41.00	41.00

HEALTH AND SANITATION

Health

(See Report of Health Dept. for Details)

General Administration

Receipts

Appropriation	\$1,500.00
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Expended

Salaries and Bills Paid	\$1,094.91	
Transferred to other expenses	39.50	
Transferred to Inspection of Animals	11.65	
Balance to Excess and Deficiency	3.94	
	<hr/>	<hr/>
	\$1,150.00	\$1,150.00

Quarantine and Contagious Hospital**Receipts**

Balance from 1913	\$49.58	
Loans Authorized	2,800.00	
Appropriations	\$2,500.00	\$5,349.58

Expended

Bills Paid	\$5,234.08	
Balance to Excess and Deficiency	115.50	
	<hr/>	<hr/>
	\$5,349.58	\$5,349.58

Tuberculosis**Receipts**

Balance from 1913	\$43.66	
Appropriation	900.00	
Loans Authorized	200.00	\$1,143.66

Expended

Bills Paid	\$1,112.13	
Balance to Excess and Deficiency	31.53	
	<hr/>	<hr/>
	\$1,143.66	\$1,143.66

Vital Statistics**Receipts**

Appropriation		\$210.00
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Expended

Paid for Records of Births and Deaths	\$209.20	
Balance to Excess and Deficiency80	
	<hr/>	<hr/>
	\$210.00	\$210.00

Other Expenses**Receipts**

Appropriation	\$1,200.00	
Transferred from General Administration	39.50	\$1,239.50

AUDITOR'S REPORT

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Expended

Bills Paid	\$1,168.82	
Transferred to Burial of Dead Animals...	50.50	
Balance to Excess and Deficiency	20.18	
	<u>\$1,239.50</u>	<u>\$1,239.50</u>

Purchase of Safe**Receipts**

Appropriation		\$100.00
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Expended

Safe	\$100.00	
	<u>\$100.00</u>	<u>\$100.00</u>

Inspection of School Children**Receipts**

Appropriation		\$225.00
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Expended

Salaries of Inspectors	\$218.75	
Balance to Excess and Deficiency	6.25	
	<u>\$225.00</u>	<u>\$225.00</u>

Inspector of Animals**Receipts**

Appropriation	\$135.00	
Transferred from General Administration	11.65	\$146.65

Expended

Salary of Inspector	\$146.65	
	<u>\$146.65</u>	<u>\$146.65</u>

Inspection of Milk and Vinegar**Receipts**

Appropriation		\$100.00
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Expended

Salary of Inspector	\$100.00	
	<u>\$100.00</u>	<u>\$100.00</u>

Inspection of Milk Analysis

Receipts

Appropriation		\$400.00
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Expended

Salary of Inspector	\$333.34	
Balance to Excess and Deficiency	66.66	
	<hr/>	<hr/>
	\$400.00	\$400.00

SANITATION

Sewer Maintenance and Operation

(See Report of Engineers and Supt. for Details)

Receipts

Appropriation	\$1,000.00
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Expended

Bills and Pay Rolls paid	\$998.17	
Balance to Excess and Deficiency	1.83	
	<hr/>	<hr/>
	\$1,000.00	\$1,000.00

Surface Drainage Maintenance

Receipts

Appropriation	\$1,500.00	
Transferred from Excess and Deficiency . .	1,000.00	
Transferred from Surface Drain. Const. . .	86.68	\$2,586.68

Expended

Bills and Pay Rolls Paid	\$2,518.95	
Balance to Excess and Deficiency	67.73	
	<hr/>	<hr/>
	\$2,586.68	\$3,586.68

Collection of Ashes

Receipts

Appropriation	\$3,750.00	
Transferred from Estimated Receipts	139.32	\$3,889.32

Expended

Pay Rolls and Bill Paid.....	\$3,750.00	
Balance to 1915.....	139.32	
	<hr/>	<hr/>
	\$3,889.32	\$3,889.32

Collection of Garbage.
(See Health Dept. Report)

Receipts

Appropriation.....		\$2,000.00
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Expended

Bills Paid—Contract.....	\$2,000.00	
	<hr/>	<hr/>
	\$2,000.00	\$2,000.00

Burial of Dead Animals**Receipts**

Transferred from Health Dept. and other expenses.....		\$50.50
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Expended

Bills Paid.....	\$50.50	
	<hr/>	<hr/>
	\$50.50	\$50.50

Street Cleaning
(See Engineer's and Supt.'s Report)

Receipts

Appropriation.....	\$5,000.00	
Transferred from Highway Repairing....	141.58	\$5,141.58

Expended

Pay Rolls and Bills Paid.....	\$5,141.58	\$5,141.58
	<hr/>	<hr/>
	\$5,141.58	\$5,141.58

HIGHWAYS

(See Report of Engineer and Supt. of Public Works for details)

General Government**Receipts**

Appropriation.....		\$2,000.00
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Expended

Salaries paid.....	\$2,000.00	
	<u>\$2,000.00</u>	<u>\$2,000.00</u>

Repairing and Maintenance**Receipts**

Appropriation.....		\$10,500.10
Freight Refunded.....	\$48.60	
George O. W. Servis, Sundries.....	335.30	
Transferred from Bank and Corporation Tax, R.R. Tax.....	2,981.29	
Transferred from Bank and Corporation Excess Tax.....	2,325.72	
Transferred from Care of Trees.....	27.75	
Transferred from Fire Loss.....	552.50	
Transferred from Melrose Street Walk...	20.00	
Transferred from Private Sewers.....	2.55	
Transferred from Street Balances.....	1,409.66	
Transferred from York Terrace.....	239.11	
Transfer Bills.....	10,918.25	18,860.73
		<u>\$29,360.73</u>

Expended

Bills and Pay Rolls Paid.....	\$29,108.42	
Overdrawn in 1913.....	.90	
Balance to 1915.....	251.41	
	<u>\$29,360.73</u>	<u>\$29,360.73</u>

Purchase of Horses**Receipts**

Balance from 1913.....	\$132.00	
Sale of Horse.....	100.00	\$232.00

Expended

Bills Paid.....	\$225.00	
Transferred to Highways.....	7.00	
	<u>\$232.00</u>	<u>\$232.00</u>

Sidewalks—Individual**Receipts**

Appropriation.....	\$1,000.00	
Collections.....	869.80	\$1,869.80

Expended

Bills and Pay Rolls paid	\$1,262.79	
Cash Refunded—Deposits	176.66	
Transferred to Continuous Walks	126.60	
Balance to 1915	303.75	
	<hr/>	<hr/>
	\$1,869.80	\$1,869.80

Sidewalk Repairs**Receipts**

Appropriation		\$4,000.00
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Expended

Bills and Pay Rolls Paid	\$3,989.01	
Balance to Excess and Deficiency	18.99	
	<hr/>	<hr/>
	\$4,000.00	\$4,000.00

**Street Sprinkling
(Water)****Receipts**

Collections in 1914		\$9,284.32
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Expended

Balance from 1913	\$3,643.69	
Bills Paid 1914	2,451.93	
Transferred from Oil	6,880.16	
Balance to 1915		3,691.46
	<hr/>	<hr/>
	\$12,975.78	\$12,975.78

**Street Sprinkling
(Oil)****Receipts**

Transferred from Water		\$6,880.16
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Expended

Bills and Pay Rolls Paid	\$6,880.16	
	<hr/>	<hr/>
	\$6,880.16	\$6,880.16

**Street Lighting
Receipts**

Appropriation	\$16,700.00	
Transferred from Ell Pond Lighting	86.50	\$1,6786.50

CITY OF MELROSE

EXPENDED

Bills Paid	\$16,678.30	
Balance to Excess and Deficiency	108.20	
	<u>\$16,786.50</u>	<u>\$16,786.50</u>

Street Signs and Numbering

Receipts

Appropriation		\$100.00
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Expended

Bills Paid	\$99.07	
Balance to 191593	
	<u>\$100.00</u>	<u>\$100.00</u>

Iron Fence, York Terrace

(See Engineer's Report)

Receipts

Transferred from Excess and Deficiency ..		\$500.00
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Expended

Bills Paid	\$239.11	
Balance to 1915	260.89	
	<u>\$500.00</u>	<u>\$500.00</u>

CHARITIES

(See Report of Overseers of Poor for details)

General Administration

Receipts

Appropriation		\$775.00
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Expended

Bills Paid	\$761.84	
Balance to Excess and Deficiency	13.16	
	<u>\$775.00</u>	<u>\$775.00</u>

Almshouse or Farm

Receipts

Balance from 1913	\$34.35	
Appropriation	1,800.00	
Loans Authorized	500.00	
Transferred from Other Cities and Towns	350.00	\$2,684.35

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Expended

Bills Paid	\$2,664.66	
Balance to Excess and Deficiency	19.69	
	<u>\$2,684.35</u>	<u>\$2,684.35</u>

Outside Relief by City**Receipts**

Balance from 1913	\$52.49	
Appropriation	2,500.00	
Loans Authorized	500.00	\$3,052.49

Expended

Bills Paid	\$3,052.10	
Balance to Excess and Deficiency39	
	<u>\$3,052.49</u>	<u>\$3,052.49</u>

City Physician—Salary**Receipts**

Appropriation		\$350.00
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Expended

Salary	\$350.00	
	<u>\$350.00</u>	<u>\$350.00</u>

Relief by Other Cities and Towns**Receipts**

Appropriation	\$1,000.00	
Transferred from Mothers' Aid	1,000.00	\$2,000.00

Expended

Bills Paid	\$1,637.55	
Transferred to Almshouse	350.00	
Transferred to Excess and Deficiency	12.45	
	<u>\$2,000.00</u>	<u>\$2,000.00</u>

E. Toothaker Fund**Receipts**

Balance from 1913	\$1,329.98	
Cash Refunded	4.00	
Interest	106.23	\$1,440.21

CITY OF MELROSE

Expended

Bills Paid	\$61.40	
Balance to 1915	1,378.81	
	<hr/>	
	\$1,440.21	\$1,440.21

Mothers' Aid

Receipts

Appropriation	\$2,000.00
---------------------	------------

Expended

Bills Paid	\$992.00	
Transferred to Relief of Other Cities and Towns	1,000.00	
Balance to Excess and Deficiency	8.00	
	<hr/>	
	\$2,000.00	\$2,000.00

Melrose Hospital

Receipts

Appropriation	\$1,000.00	
Cash Collected	610.06	\$1,610.06

Expended

Board and Care at Hospital	\$1,000.00	
Collections Refunded to Hospital	610.06	
	<hr/>	
	\$1,610.06	\$1,610.06

SOLDIERS' BENEFITS

General Administration—Salaries and Wages

Appropriation	\$100.00
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Expended

Salary of Agent	\$100.00	
	<hr/>	
	\$100.00	\$100.00

State Aid

Paid by Commonwealth Nov. 1915)

Pay Rolls	\$2,464.00
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Soldiers' Burial

Bills Paid	\$150.00	
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Soldiers' Relief**Receipts**

Appropriation	\$3,200.00	
Loans Authorized	300.00	\$3500.00

Expended

Cash Orders	\$2,310.50	
Dry Goods, etc.	26.90	
Food	221.50	
Fuel	592.26	
Medical Attendance and Medicine	58.20	
Miscellaneous	70.45	
Rent	218.75	
Balance to Excess and Deficiency	1.44	
	<hr/>	
	\$3,500.00	\$3,500.00

EDUCATION—SCHOOL DEPARTMENT

(See Report of Supt. of Schools for details)

General Expenses—Administrative Salaries**Receipts**

Appropriation	\$2,840.00
---------------------	------------

Expended

Salary of Superintendent	\$2,840.00	
	<hr/>	
	\$2,840.00	\$2,840.00

Other General Salaries**Receipts**

Appropriation	\$1,220.00
---------------------	------------

Expended

Salaries of Clerk and Truant Officer	\$1,220.00	
	<hr/>	
	\$1,220.00	\$1,220.00

CITY OF MELROSE

Other General Expenses

Receipts

Appropriation		\$650.00
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Expended

Office Supplies, Postage, Printing and Stationery	\$70.39	
Telephones	269.46	
Travelling Expenses	216.71	
Miscellaneous	93.18	
Balance to Excess and Deficiency26	
	<hr/>	<hr/>
	\$650.00	\$650.00

Teachers' Salaries

Receipts

Appropriation		\$72,800.00
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Expended

Pay Rolls	\$72,800.00	
	<hr/>	<hr/>
	\$72,800.00	\$72,800.00

Text Books and Supplies

Receipts

Appropriation		\$5,000.00
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Expended

Bills Paid	\$4,999.95	
Balance to Excess and Deficiency05	
	<hr/>	<hr/>
	\$5,000.00	\$5,000.00

Tuition

Receipts

Appropriation		\$750.00
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Expended

Bills Paid	\$750.00	
	<hr/>	<hr/>
	\$750.00	\$750.00

Transportation**Receipts**

Appropriation		\$725.00
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Expended

Use of Barges, etc.	\$714.50	
Balance to Excess and Deficiency	10.50	
	<hr/>	<hr/>
	\$725.00	\$725.00

Janitors' Salaries**Receipts**

Appropriation		\$8,250.00
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Expended

Pay Rolls	\$8,193.97	
Balance to Excess and Deficiency	56.03	
	<hr/>	<hr/>
	\$8,250.00	\$8,250.00

Fuel and Lights**Receipts**

Appropriation		\$5,000.00
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Expended

Coal and Wood	\$4,657.66	
Electric Lights	241.11	
Gas Lights	91.35	
Balance to Excess and Deficiency	9.88	
	<hr/>	<hr/>
	\$5,000.00	\$5,000.00

Maintenance of Buildings and Grounds**Receipts**

Appropriation		\$4,000.00
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Expended

Stock, Labor and Repairs	\$3,809.04	
Janitors' Supplies, etc.	190.93	
Balance to Excess and Deficiency03	
	<hr/>	<hr/>
	\$4,000.00	\$4,000.00

CITY OF MELROSE

Furniture and Furnishings

Receipts

Appropriation	\$200.00
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Expended

Bills Paid	\$198.45	
Balance to Excess and Deficiency	1.55	
	<hr/>	<hr/>
	\$200.00	\$200.00

Other Expenses

Receipts

Appropriation	\$500.00
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Expended

Advertising, Printing and Stationery	\$150.19	
Graduation Expenses	219.98	
Express and Miscellaneous	125.38	
Balance to Excess and Deficiency	4.45	
	<hr/>	<hr/>
	\$500.00	\$500.00

Additional Order No. 8598

Receipts

From Tuition	\$2,852.81
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Expended

Other General Salaries	\$67.00	
Teachers' Salaries	90.42	
Text Books and Supplies	1,347.50	
Maintenance of Buildings	1,307.17	
Tuition	39.10	
Balance to Excess and Deficiency	1.62	
	<hr/>	<hr/>
	\$2,852.81	\$2,852.81

LIBRARIES

Salaries and Wages

Receipts

Appropriation	\$2,875.00
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AUDITOR'S REPORT

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Expended

Pay Rolls	\$2,702.38	
Transferred to Books and Periodicals.....	150.00	
Balance to Excess and Deficiency	22.62	
	<hr/>	<hr/>
	\$2,875.00	\$2,875.00

Books and Periodicals**Receipts**

Appropriation	\$1,450.00	
Transferred from Salaries and Wages.....	150.00	
Transferred from Other Expenses	200.00	\$1,800.00

Expended

Bills Paid	\$1,795.34	
Balance to Excess and Deficiency	4.66	
	<hr/>	<hr/>
	\$1,800.00	\$1,800.00

Binding**Receipts**

Appropriation	\$400.00	
Transferred from Janitors' Supplies.....	65.00	\$465.00

Expended

Bills Paid	\$465.00	
	<hr/>	<hr/>
	\$465.00	\$465.00

Fuel and Lights**Receipts**

Appropriation	\$550.00	
Transferred from Janitor's Supplies.....	35.00	\$585.00

Expended

Bills Paid	\$576.28	
Balance to Excess and Deficiency	8.72	
	<hr/>	<hr/>
	\$585.00	\$585.00

Building and Janitor's Supplies**Receipts**

Appropriation	\$225.00
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Expended

Bills Paid.....	\$82.85	
Transferred to Binding.....	65.00	
Transferred to Fuel and Lights.....	35.00	
Balance to Excess and Deficiency.....	42.15	
	<hr/>	<hr/>
	\$225.00	\$225.00

Other Expenses**Receipts**

Appropriation.....	\$450.00
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Expended

Bills Paid.....	\$249.69	
Transferred to Books and Periodicals....	200.00	
Balance to Excess and Deficiency.....	.31	
	<hr/>	<hr/>
	\$450.00	\$450.00

RECREATION**Pine Banks Park**

(See Report of Trustees)

Receipts

Appropriation.....	\$1,600.00
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Expended

Paid Treasurer Pine Banks Park Trustees.	\$1,600.00	
	<hr/>	<hr/>
	\$1,600.00	\$1,600.00

PARK DEPARTMENT

(See Report of Park Commissioners for detail)

General Administration—Salaries and Wages**Receipts**

Appropriation.....	\$50.00
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Expended

Salary of Clerk.....	\$50.00	
	<hr/>	<hr/>
	\$50.00	\$50.00

Other Expenses

Receipts

Appropriation		\$100.00
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Expended

Bills Paid	\$100.00	
	<u>\$100.00</u>	<u>\$100.00</u>

Parks and Gardens—Salaries and Wages.

Receipts

Balance from 1913	\$136.53	
Appropriation	650.00	
Transferred from sundry accounts	88.62	\$875.15

Expended

Pay Rolls	\$866.71	
Balance to Excess and Deficiency	8.44	
	<u>\$875.15</u>	<u>\$875.15</u>

Improvements and Additions

Receipts

Appropriation	\$400.00	
Transferred from Playgrounds Improvement	31.95	\$431.95

Expended

Bills Paid	\$431.95	
	<u>\$431.95</u>	<u>\$431.95</u>

Other Expenses

Receipts

Appropriation		\$175.00
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Expended

Bills Paid	\$173.68	
Transferred to Parks and Gardens, Salaries and Wages	1.32	
	<u>\$175.00</u>	<u>\$175.00</u>

Playgrounds and Gymnasium—Salaries and Wages

Receipts

Appropriation		\$50.00
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Expended

Pay Rolls	\$50.00	
	<u>\$50.00</u>	<u>\$50.00</u>

Improvement and Addition

Receipts

Appropriation		\$250.00
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Expended

Bills Paid	\$155.55	
Transferred to Parks and Gardens— Salaries and Wages	62.50	
Transferred to Parks and Gardens—Im- provement	31.95	
	<u>\$250.00</u>	<u>\$250.00</u>

Other Expenses

Receipts

Appropriation		\$25.00
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Expended

Bills Paid	\$5.00	
Transferred to Parks and Gardens— Salaries and Wages	\$20.00	
	<u>\$25.00</u>	<u>\$25.00</u>

Bath Houses—Salaries and Wages

Receipts

Appropriation		\$350.00
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Expended

Pay Rolls	\$350.00	
	<u>\$350.00</u>	<u>\$350.00</u>

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Improvements and Additions

Receipts

Appropriation		\$25.00
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Expended

Bills Paid	\$23.08	
Transferred to Parks and Gardens— Salaries and Wages	1.92	
	<hr/>	<hr/>
	\$25.00	\$25.00

Other Expenses

Receipts

Appropriation	\$25.00
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Expended

Bills Paid	\$22.12	
Transferred to Parks and Gardens— Salaries and Wages	\$2.88	
	<hr/>	<hr/>
	\$25.00	\$25.00

Ell Pond Park Lights

Receipts

Appropriation	\$150.00
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Expended

Transferred to Street Lighting	\$86.50	
Balance to 1915	63.50	
	<hr/>	<hr/>
	\$150.00	\$150.00

Memorial Day

Receipts

Appropriation	\$325.00
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Expended

Bills Paid	\$323.21	
Balance to Excess and Deficiency	1.79	
	<hr/>	<hr/>
	\$325.00	\$325.00

CITY OF MELROSE

Ringing Bells

Receipts

Appropriation	\$50.00
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Expended

Bills Paid	\$42.00	
Balance to Excess and Deficiency	8.00	
	<hr/>	<hr/>
	\$50.00	\$50.00

UNCLASSIFIED

Claims for Damages

Receipts

Appropriation, Order No. 8334	\$43.11	
Appropriation, Order No. 8296	250.00	
Transferred from Treasury, No. 8387	200.00	
Transferred from Treasury, No. 8195	1,000.00	\$1,493.11

Expended

George W. Chapman	\$43.11	
Mrs. E. Babcock	250.00	
Martin E. Green	200.00	
J. W. Levey	1,000.00	
	<hr/>	<hr/>
	\$1,493.11	\$1,493.11

Fourth of July

Receipts

Appropriation	\$500.00	
Cash from Individuals	70.00	\$570.00

Expended

Bills Paid	\$570.00	
	<hr/>	<hr/>
	\$570.00	\$570.00

Printing City Report

Receipts

Appropriation	\$500.00	
Transferred from Excess and Deficiency	10.00	\$510.00

AUDITOR'S REPORT

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Expended

Bills Paid	\$509.96	
Balance to Excess and Deficiency04	
	<hr/>	<hr/>
	\$510.00	\$510.00

Ice for Drinking Fountain

Receipts

Appropriation		\$50.00
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Expended

Bills Paid	\$50.00	
	<hr/>	<hr/>
	\$50.00	\$50.00

Insurance

Receipts

Appropriation		\$1,230.20
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Expended

Premiums Paid	\$1,230.20	
	<hr/>	<hr/>
	\$1,230.20	\$1,230.20

Installation of System of Accounting

Receipts

Warrant from State Treasurer		\$136.46
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Expended

Paid Bill to State Treasurer	\$136.46	
	<hr/>	<hr/>
	\$136.46	\$136.46

PUBLIC SERVICE ENTERPRISE

(See Report of Engineer and Supt. of Public Works for details)

Water Maintenance

Balance from 1913	\$159.56	
Appropriation	10,000.00	
Transferred from Water Income	5,000.00	
Cash G. O. W. Servis	133.50	
Cash from off and on .....	.50	
Transfers from sundry accounts	5,197.36	\$20,490.92

CITY OF MELROSE

Expended

Bills and Pay Rolls.....	\$19,427.62	
Balance to 1915.....	1,063.30	
	<u>\$20,490.92</u>	<u>\$20,490.92</u>

Inside Service**Receipts**

Balance from 1913.....	\$289.46	
Cash Receipts.....	2,513.53	\$2,802.99

Expended

Bills and Pay Rolls.....	\$2,802.99	
	<u>\$2,802.99</u>	<u>\$2,802.99</u>

Public Scales**Receipts**

Fees.....		\$93.90
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Expended

Bills Paid.....	\$56.95	
Balance to Excess and Deficiency.....	36.95	
	<u>\$93.90</u>	<u>\$93.90</u>

Cemetery

(See Report of Cemetery Committee for details)

Receipts

Balance for 1913.....	\$2,122.99	
Appropriation from Receipts.....	7,000.00	\$9,122.99

Expended

Bills and Pay Rolls.....	\$6,987.44	
Balance to Excess and Deficiency.....	2,135.55	
	<u>\$9,122.99</u>	<u>\$9,122.99</u>

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Interest

Receipts

Balance from 1913		\$356.41
Appropriation		35,000.00
Accrued Interest	\$191.35	
Betterments	135.56	
Investment Account	88.09	
Melrose National Bank	609.35	
Old Colony Trust Co.	340.01	
Sewer Assessments	551.53	
Sidewalk Assessments	254.95	
Taxes	7,363.08	
Tax Takings	1,233.90	10,767.84
		<hr/>
		\$46,124.25

Expended

Auditorium Loan Coupons	\$1,560.00	
Park Loan Coupons	680.00	
School Loan Coupons	10,830.00	
Sewer Loan Coupons	15,205.00	
Surface Drainage Loan Coupons	5,390.00	
Municipal Loans	4,045.29	
Permanent Loans	3,502.00	
Temporary Loans	7,380.97	
Refunded Loans	7.96	
Overdraft to 1915		2,476.97
	<hr/>	<hr/>
	\$48,601.22	\$48,601.22

Guarantee Deposits

Receipts

Checks	\$450.00
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Expended

Checks returned	\$450.00	
	<hr/>	<hr/>
	\$450.00	\$450.00

Agency, Trust and Investment

Agency

From Taxes for State	\$35,700.00
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Expended

Paid Warrant of State Treasurer	\$35,700.00	
	<hr/>	<hr/>
	\$35,700.00	\$35,700.00
From Taxes for County		\$19,577.92

CITY OF MELROSE

Expended

Paid Warrant of County Treasurer	\$19,577.92	
	<u>\$19,577.92</u>	<u>\$19,577.92</u>

Metropolitan Park Tax

Amount of Warrant		\$10,558.39
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Expended

Paid State Treasurer	\$10,558.39	
	<u>\$10,558.39</u>	<u>\$10,558.39</u>

Metropolitan Sewer Tax

Amount of Warrant		\$17,437.18
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Expended

Paid State Treasurer	\$17,437.18	
	<u>\$17,437.18</u>	<u>\$17,437.18</u>

Metropolitan State Highway Tax

Amount of Warrant		\$67.65
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Expended

Paid State Treasurer	\$67.65	
	<u>\$67.65</u>	<u>\$67.65</u>

Charles River Basin Tax

Amount of Warrant		\$17,311.04
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Expended

Paid State Treasurer	\$1,731.04	
	<u>\$1,731.04</u>	<u>\$1,731.04</u>

Care and Maintenance of Trees

Balance from 1913		\$7.13
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Expended

Transferred to Excess and Deficiency	\$7.13	
	<u>\$7.13</u>	<u>\$7.13</u>

NON-REVENUE**Private Sewers**

(See Report of Engineer and Supt. of Public Works)

Receipts

Balance from 1913	\$117.22	
Collected by Engineer	2,865.47	\$2,982.69

Expended

Bills and Pay Rolls	\$2,814.36	
Balance to 1915	168.33	
	<hr/>	<hr/>
	\$2,982.69	\$2,982.69

Sewer Construction**Receipts**

Balance from 1913	\$3,340.26	
Sale of Bonds	10,000.00	
Cash sundries	29.48	
Transfer Bill	3,594.33	\$16,964.07

Expended

Bills and Pay Rolls	\$12,913.29	
Balance to 1915	4,050.78	
	<hr/>	<hr/>
	\$16,964.07	\$16,964.07

Surface Drainage Construction**Receipts**

Balance from 1913	\$547.34	
Sale of Bonds	10,000.00	\$10,547.34

Expended

Bills and Pay Rolls	\$9,914.66	
Balance to 1915	632.68	
	<hr/>	<hr/>
	\$10,547.34	\$10,547.34

Continuous Walks**Receipts**

Balance from 1913	\$2,939.03	
Loans Authorized	10,000.00	
Cash Collected	6,152.53	
Transfer Bill	215.85	\$19,307.41

Expended

Bills and Pay Rolls.....	\$13,222.99	
Balance to 1915.....	6,084.42	
	<u>\$19,307.41</u>	<u>\$19,307.41</u>

Laying Cross Walks and Paving Gutters**Receipts**

Loans Authorized.....	\$1,500.00
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Expended

Bills and Pay Rolls.....	\$1,133.38	
Balance to 1915.....	366.62	
	<u>\$1,500.00</u>	<u>\$1,500.00</u>

Chester Street

Balance from 1913.....	\$144.46
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Expended

Transferred to Highway.....	\$144.46	
	<u>\$144.46</u>	<u>\$144.46</u>

Essex Street

Balance from 1913.....	\$135.97
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Expended

Bills and Pay Rolls.....	\$117.92	
Balance to 1915.....	18.05	
	<u>\$135.97</u>	<u>\$135.97</u>

East Foster Street

Balance from 1913.....	\$113.81
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Expended

Transferred to Highway.....	\$113.81	
	<u>\$113.81</u>	<u>\$113.81</u>

East Foster, Macadamizing—Main Street to Ell Pond Brook**Receipts**

Loans Authorized.....	\$500.00
No Expenditures	

West Foster Street—Main to B. & M. Tracks**Receipts**

Loans Authorized	\$2,700.00	
Transfer Bill.....	440.07	\$3,140.07

Expended

Bills and Pay Rolls.....	\$3,114.09	
Claim E. C. Harding.....	25.00	
Balance to 1915.....	.98	
	<hr/>	<hr/>
	\$3,140.07	\$3,140.07

Goss Avenue

Balance from 1913		\$87.14
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Expended

Transferred to Highway.....	\$87.14	
	<hr/>	<hr/>
	\$87.14	\$87.14

Hurd Street

Balance from 1913		\$174.75
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Expended

Bills Paid	\$15.63	
Transferred to Highway.....	159.12	
	<hr/>	<hr/>
	\$174.75	\$174.75

Main Street, Malden Line to Porter Street**Receipts**

Balance from 1913	\$9,796.42	
Transfer Bills.....	495.40	\$10,291.82

Expended

Bills and Pay Tolls.....	\$10,291.62	
Balance to 1915.....	.20	
	<hr/>	<hr/>
	\$10,291.82	\$10,291.82

Melrose Street**Receipts**

G. O. W. Servis.....		\$20.00
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Expended

Transferred to Highway.....	\$20.00	
	<u>\$20.00</u>	<u>\$20.00</u>

Church and Hancock Streets and Mountain Avenue**Receipts**

Balance for 1913.....	\$5,500.00	
Transfer Bill.....	891.38	\$6,391.38

Expended

Bills and Pay Rolls.....	\$6,278.18	
Balance to 1915.....	113.20	
	<u>\$6,391.38</u>	<u>\$6,391.38</u>

Nowell Road—Henry Avenue to Morgan Street

Balance from 1913.....		\$135.09
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Expended

Bills and Pay Rolls.....	\$108.90	
Transferred to Highways.....	26.19	
	<u>\$135.09</u>	<u>\$135.09</u>

Spear Street**Receipts**

Balance from 1913.....	\$4,748.92	
Transfer Bill.....	212.00	\$4,960.92

Expended

Bills and Pay Rolls.....	\$4,958.89	
Balance to 1915.....	2.03	
	<u>\$4,960.92</u>	<u>\$4,960.92</u>

Stratford Road

Balance from 1913.....		\$102.98
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Expended

Transferred to Highway.....	\$102.98	
	<u>\$102.98</u>	<u>\$102.98</u>

AUDITOR'S REPORT

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East Wyoming Avenue

Balance from 1913.....			\$76.51
	Expended		
Bills and Pay Rolls.....		\$64.51	
Transferred to Highways.....		12.00	
		<hr/>	<hr/>
		\$76.51	\$76.51

Dyer Avenue Extension

	Receipts		
Loans Authorized.....			\$1,000.00
	Expended		
Land.....		\$800.00	
Pay Rolls.....		151.05	
Balance to 1915.....		48.95	
		<hr/>	<hr/>
		\$1,000.00	\$1,000.00

Richardson Road Macadamize

	Receipts		
Loan Authorized.....			\$2,500.00
No Expenditure			

Pine Street Macadamize

	Receipts		
Loan Authorized.....			\$1,500.00
	Expended		
Bills and Pay Rolls.....		\$1,323.97	
Balance to 1915.....		176.03	
		<hr/>	<hr/>
		\$1,500.00	\$1,500.00

Grove Street Macadamize

	Receipts		
Loan Authorized.....			\$2,800.00
No Expenditure			

Corey Street and Culvert

	Receipts		
Loan Authorized.....			\$2,800.00
No Expenditure			

CITY OF MELROSE

School Department

Construction of Inside Curb Upham Street

Balance from 1913		\$600.00
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Expended

Transferred to Walks—High School	\$600.00	
	<u>\$600.00</u>	<u>\$600.00</u>

Laying out and Constructing Walk High School

Receipts

Balance from 1913	\$900.00	
Transferred from Inside Curb	600.00	\$1,500.00

Expended

Bills Paid	\$247.31	
Balance to 1915	\$1,252.69	
	<u>\$1,500.00</u>	<u>\$1,500.00</u>

Park Department

(See Report of Park Commissioners Acquiring and Grading)

Balance from 1913	\$375.75
No Expenditures	

Improvement of Ice House Site

Balance from 1913	\$.27
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Expended

Transferred to Excess and Deficiency27	
	<u>\$.27</u>	<u>\$.27</u>

Construction and Equipment of Shelter and Embankment

Ell Pond Park

Receipts

Loans Authorized	\$1,400.00
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Expended

Bills Paid	\$1,395.47	
Balance to 1915	4.53	
	<hr/>	<hr/>
	\$1,400.00	\$1,400.00

Water Construction

(See Report of Engineer and Superintendent)

Receipts

Balance from 1913	\$2,367.05	
Sale of Bonds	10,000.00	
Transfer Bill	4.87	\$12,371.92

Expended

Bills and Pay Rolls	\$8,880.19	
Balance to 1915	3,491.73	
	<hr/>	<hr/>
	\$12,371.92	\$12,371.92

Pay Roll Tailing

Balance from 1913	\$200.95
-------------------------	----------

Expended

Cash Refunded	\$16.25	
Balance to 1915	184.70	
	<hr/>	<hr/>
	\$200.95	\$200.95

TRUST FUNDS

Cemetery—Perpetual Care

Receipts

Balance from 1913		\$31,163.50
Atwood, Albion—Single grave	15.00	
Balazo, Mrs. Theresa	100.00	
Bisco, Judson—single grave	30.00	
Bowden, Frederick P.	195.00	
Buffum, John	80.00	
Campbell, George—single grave	15.00	
Carr, Mrs. Lillian F.	100.00	
Carrothers, Minnie E.	75.00	
Christie, Grace E.	90.00	
Coats, Sarah M.—additional	100.00	
Crowther, Ernest E.	60.00	
Curtis, Alice	20.00	
Evans, Annie	240.00	
Farland, Mrs. I. W.	60.00	

Greene, Mrs. M. P.....	182.00	
Grover, Ethelyn.....	80.00	
Holden, Mrs. O. B.—single grave.....	30.00	
Holmes, Lucy E.....	80.00	
Johnson, Addie L.....	140.00	
Kitching, Edward J.....	175.00	
Lane, Hiram P.....	100.00	
Lang, Mrs. Mary J.....	45.00	
Lynde, Mrs. L. Jeannette—single grave..	30.00	
McMullen, Mrs. Eleana.....	160.00	
Mitchell, Robert.....	186.00	
Moulton, George D.....	120.00	
Nickerson, Walter H.....	135.00	
Phillips, Sidney M.....	45.00	
Pierce, Ellen E.—single grave.....	15.00	
Pratt, Chester M.....	167.00	
Pratt, F. A.....	120.00	
Robertson, Harry S.....	60.00	
Snow, Frank B.....	150.00	
Somes, Edgar R.....	90.00	
Stevens, Mary E.....	100.00	
Stutsman, Mrs. Susan F.....	80.00	
Tibbetts, Mary E.....	150.00	
Tomer, Carlton H.....	80.00	
Wilbur, Florence L.....	30.00	3,730.00
		<u>\$34,893.50</u>

Reserve Fund 15%

Transferred from sundry account.....		\$459.93
Balance to 1915.....	\$459.93	
	<u>\$459.93</u>	<u>\$459.93</u>

Water Loan Premium Fund

Receipts

Received from Premiums.....		\$399.65
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Expended

Transferred to Certification of Bonds....	\$212.50	
Balance to 1915.....	\$187.15	
	<u>\$399.65</u>	<u>\$399.65</u>

Main Street Improvement Loan Premium Fund

Receipts

Balance from 1913.....	\$127.50	
Transferred from Certification of Bonds..	75.00	\$202.50

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Expended

Transferred to Municipal Indebtedness. . .	\$202.50	
	<hr/>	<hr/>
	\$202.50	\$202.50

Sewer Loan Premium Fund

Receipts

Premiums on Bonds Sold.		\$330.90
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Expended

Transferred to Certification of Bonds. .	\$137.50	
Balance to 1915.	193.40	
	<hr/>	<hr/>
	\$330.90	\$330.90

Surface Drainage Loan Premium Fund

Receipts

Premiums on Bonds Sold.		\$330.90
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Expended

Transferred to Certification of Bonds. . . .	\$137.50	
Cash Paid Sinking Fund Commission. . . .	46.50	
Balance to 1915.	146.90	
	<hr/>	<hr/>
	\$330.90	\$330.90

Continuous Walk Premium Fund

Receipts

Premiums on Notes Sold.		\$114.00
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Expended

Transferred to Certification of Notes. . . .	\$62.50	
Balance to 1915.	51.50	
	<hr/>	<hr/>
	\$114.00	\$114.00

SINKING FUNDS

(See Report of Sinking Fund Commissioners for details)

School House Loan

Balance from 1913.	\$182,647.79	
Appropriation—Budget.	8,316.00	
Receipts.	7,545.02	\$198,508.81

CITY OF MELROSE

Expended

Expenses and Payments.....	\$284.63	
Balance to 1915.....	198,224.18	
	<u>\$198,508.81</u>	<u>\$198,508.81</u>

Sewer Loan

Balance from 1913.....	\$223,763.19	
Cash from City Treasurer, Assessments..	3,104.30	
Receipts.....	9,444.88	\$236,312.37

Expended

Expenses and Payments.....	\$292.99	
Balance to 1915.....	236,019.38,	
	<u>\$236,312.37</u>	<u>\$236,312.37</u>

Surface Drainage Loan

Balance from 1913.....	\$36,429.20	
Appropriation—Budget.....	6,181.59	
Receipts.....	1,652.07	\$44,262.86

Expended

Expenses and Payments.....	\$227.70	
Balance to 1915.....	44,035.16	
	<u>\$44,262.86</u>	<u>\$44,262.86</u>

Water Loan

Balance from 1913.....	\$65,454.09	
Receipts.....	2,787.21	\$68,241.30

Expended

Expenses and Payments.....	\$184.24	
Balance to 1915.....	68,057.06	
	<u>\$68,241.30</u>	<u>\$68,241.30</u>

SCHEDULE OF CITY PROPERTY

Brown Tail and Gypsy Moth

Personal Property.....	\$1,298.50
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Charity

Personal Property.....	\$1,630.50
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AUDITOR'S REPORT

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Fire Department

Central Fire Station on City Hall lot.		\$20,000.00
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Hose No. 3

Building.	\$1,200.00	
10,267 ft. land.	3,075.00	\$4,275.00

Hose No. 4

Building.	\$1,800.00	
5,625 ft. land.	550.00	\$2,350.00
Personal Property.		24,587.80
Fire Alarm System.		15,719.00
		<hr/>
		\$66,931.80

Health Department

Isolation Hospital Building.	\$400.00	
Personal Property—Contagious Building	406.14	\$806.14

Public Parks

Ell Pond Park.	\$20,500.00	
Melrose Common.	10,000.00	
Sewall Woods Park.	11,250.00	
Strip East Side Ell Pond.	7,900.00	
Lot Main and Lynde Streets.	1,250.00	
Band Stand.	275.00	
Bath House.	250.00	
Boat, Life-saving Apparatus.	35.00	
Two Fountains in Square.	50.00	
Playground Apparatus.	200.00	
Sanitary.	25.00	
Settees and Bleachers.	150.00	
Shelter.	1,400.00	
Float—from J. C. F. Slayton.	200.00	\$53,485.00

Police Department

Personal Property.	\$2,730.68	
Police Signal System.	5,098.80	\$7,829.48

Public Library

Building.	30,000.00	
30,030 ft. land.	10,600.00	
Books.	27,700.00	
Furniture and Fixtures.	4,500.00	
Pictures, Statuary, Mounted Birds, etc., articles of use and ornament.	2,500.00	\$75,300.00

School Department

Converse School Building.....	\$5,000.00	
21,117 sq. ft. land.....	1,050.00	
		\$6,050.00
Franklin School Building.....	30,000.00	
32,539 sq. ft. land.....	9,500.00	
		39,500.00
Gooch School Building.....	\$25,000.00	
27,815 sq. ft. land.....	4,450.00	
		29,450.00
High School Building.....	\$140,000.00	
116,385 sq. ft. land.....	58,200.00	
		198,200.00
Lincoln School Building.....	\$30,000.00	
27,604 sq. ft. land.....	6,900.00	
		36,900.00
Livermore School Building.....	\$17,000.00	
26,555 sq. ft. land.....	6,650.00	
		23,650.00
Horace Mann School Building.....	\$20,000.00	
26,331 sq. ft. land.....	4,475.00	
		\$24,475.00
Ripley School Building.....	\$2,200.00	
14,567 sq. ft. land.....	575.00	
		2,775.00
Sewall School Building.....	\$8,000.00	
14,748 sq. ft. land.....	7,375.00	
		15,375.00
Warren School Building.....	\$14,000.00	
18,572 sq. ft. land.....	2,300.00	
		16,300.00
Washington School Building.....	\$30,000.00	
30,794 sq. ft. land.....	4,000.00	
		\$34,000.00
West Side School Building.....	\$1,000.00	
11,880 sq. ft. land.....	3,325.00	
		\$4,325.00
Whittier School Building.....	\$7,500.00	
15,000 sq. ft. land.....	3,000.00	
		10,500.00
Winthrop School Building.....	\$11,000.00	
26,544 sq. ft. land.....	1,600.00	
		12,600.00
Total Buildings and Land.....		\$454,100.00
Personal Property.....		71,445.06
		\$525,545.00

Sundries

Old School Lot, Chestnut Street, 12,000 sq. ft. land.....	\$2,400.00	
Old School Lot, Upham Street, 11,400 sq. ft. land.....	675.00	
		\$3,075.00

AUDITOR'S REPORT

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Sealer of Weights and Measures

Personal Property.....	\$583.50
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Wyoming Cemetery

Buildings.....	\$3,500.00	
Office.....	500.00	
47 3-4 acres land.....	31,700.00	
Water System.....	950.00	
Personal Property.....	176.00	\$36,826.00

Public Works Department

Auditorium and Soldiers' Building, Land, Furniture and Fixtures.....	\$112,000.00
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City Hall

Building.....	\$75,000.00	
44,934 sq. ft. land.....	67,400.00	
Furniture, Fixtures and Sundries.....	10,000.00	\$152,400.00

Highway Division

Crusher Lot, Maple Street, 17,326 sq. ft. land.....	\$1,000.00	
Crusher lot, Linwood Avenue, 132,877 sq. ft. land.....	3,200.00	
Stone Crusher Plant, Tools, etc.....	4,800.00	
Road Roller, Scraper, Plows, Sprinkling Carts, etc.....	7,102.00	
Horses, Carts, Harnesses, Tools, etc.....	4,456.00	\$20,558.00

Sewer Division

Cost of Construction to Dec. 31, 1913....	\$456,714.83	
Additional to Dec. 31, 1914.....	7,279.92	\$463,994.75

Surface Drainage

Cost of Construction to Dec. 31, 1913....	\$163,425.85	
Additional to Dec. 31, 1914.....	11,975.46	\$178,401.61

Water Division

Cost of Construction to Dec. 31, 1913....	\$443,425.17	
Additional to Dec. 31, 1914.....	9,076.91	\$452,502.08

RECAPITULATION

Brown Tail and Gypsy Moth.....	\$1,298.50	
Charity Department.....	1,630.50	
Fire Department.....	66,931.80	
Health Department.....	806.14	
Park Department.....	53,485.00	
Police Department.....	7,829.48	
Public Library.....	75,300.00	
School Department.....	525,545.00	
Sundries.....	3,075.00	
Sealer of Weights and Measures.....	583.50	
Wyoming Cemetery.....	36,826.00	
Public Works Department:		
Soldiers' Memorial Building.....	112,000.00	
City Hall.....	152,400.00	
Highway Department.....	20,558.00	
Sewer System.....	463,994.75	
Surface Drainage System.....	178,401.61	
Water System.....	452,502.08	
	<hr/>	\$2,153,167.36

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